

Service Manual

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IMPORTANT SAFETY NOTICE

Proper service and repair is important to the safe, reliable operation of all Philips Consumer Electronics Company** Equipment. The service procedures recommended by Philips and described in this service manual are effective methods of performing service operations. Some of these service operations require the use of tools specially designed for the purpose. The special tools should be used when and as recommended.

It is important to note that this manual contains various **CAUTIONS** and **NOTICES** which should be carefully read in order to minimize the risk of personal injury to service personnel. The possibility exists that improper service methods may damage the equipment. It also is important to understand that these **CAUTIONS** and **NOTICES** **ARE NOT EXHAUSTIVE**. Philips could not possibly know, evaluate and advise the service trade of all conceivable ways in which service might be done, or of the possible hazardous consequences of each way. Consequently, Philips has not undertaken any such broad evaluation. Accordingly, a servicer who uses a service procedure or tool which is not recommended by Philips must first satisfy himself thoroughly that neither his safety nor the safe operation of the equipment will be jeopardized by the service method selected.

** Hereafter throughout this manual, Philips Consumer Electronics Company will be referred to as Philips.

WARNING

Critical components having special safety characteristics are identified with a  or "S" by the Ref. No. in the parts list and enclosed within a broken line* (where several critical components are grouped in one area) along with the safety symbol  on the schematics or exploded views. Use of substitute replacement parts which do not have the same specified safety characteristics may create shock, fire, or other hazards. Under no circumstances should the original design be modified or altered without written permission from Philips. Philips assumes no liability, express or implied, arising out of any unauthorized modification of design. Servicer assumes all liability.

* **Broken Line** _____

FIRE AND SHOCK HAZARD

1. Be sure all components are positioned in such a way as to avoid the possibility of adjacent component shorts. This is especially important on those chassis which are transported to and from the service shop.
2. Never release a repaired unit unless all protective devices such as insulators, barriers, covers, strain reliefs, and other hardware have been installed in accordance with the original design.
3. Soldering and wiring must be inspected to locate possible cold solder joints, solder splashes, sharp solder points, frayed leads, pinched leads, or damaged insulation (including the ac cord). Be certain to remove loose solder balls and all other loose foreign particles.
4. Check across-the-line components and other components for physical evidence of damage or deterioration and replace if necessary. Follow original layout, lead length, and dress.
5. No lead or component should touch a receiving tube or a resistor rated at 1 watt or more. Lead tension around protruding metal surfaces or edges must be avoided.
6. Critical components having special safety characteristics are identified with an 'S' by the Ref. No. in the parts list and enclosed within a broken line* (where several critical components are grouped in one area) along with the safety symbol  on the schematic diagrams and /or exploded views.
7. When servicing any unit, always use a separate isolation transformer for the chassis. Failure to use a separate isolation transformer may expose you to possible shock hazard, and may cause damage to servicing instruments.
8. Many electronic products use a polarized ac line cord (one wide pin on the plug). Defeating this safety feature may create a potential hazard to the servicer and the user. Extension cords which do not incorporate the polarizing feature should never be used.
9. After reassembly of the unit, always perform an ac leakage test or resistance test from the line cord to all exposed metal parts of the cabinet. Also, check all metal control shafts (with knobs removed), antenna terminals, handles, screws, etc., to be sure the unit may be safely operated without danger of electrical shock.

* **Broken line** _____

LEAKAGE CURRENT COLD CHECK

1. Unplug the ac line cord and connect a jumper between the two prongs of the plug.
2. Turn on the power switch.
3. Measure the resistance value between the jumpered ac plug and all exposed cabinet parts of the receiver, such as screw heads, antennas, and control shafts. When the exposed metallic part has a return path to the chassis, the reading should be between 1 megohm and 5.2 megohms. When the exposed metal does not have a return path to the chassis, the reading must be infinity. Remove the jumper from the ac line cord.

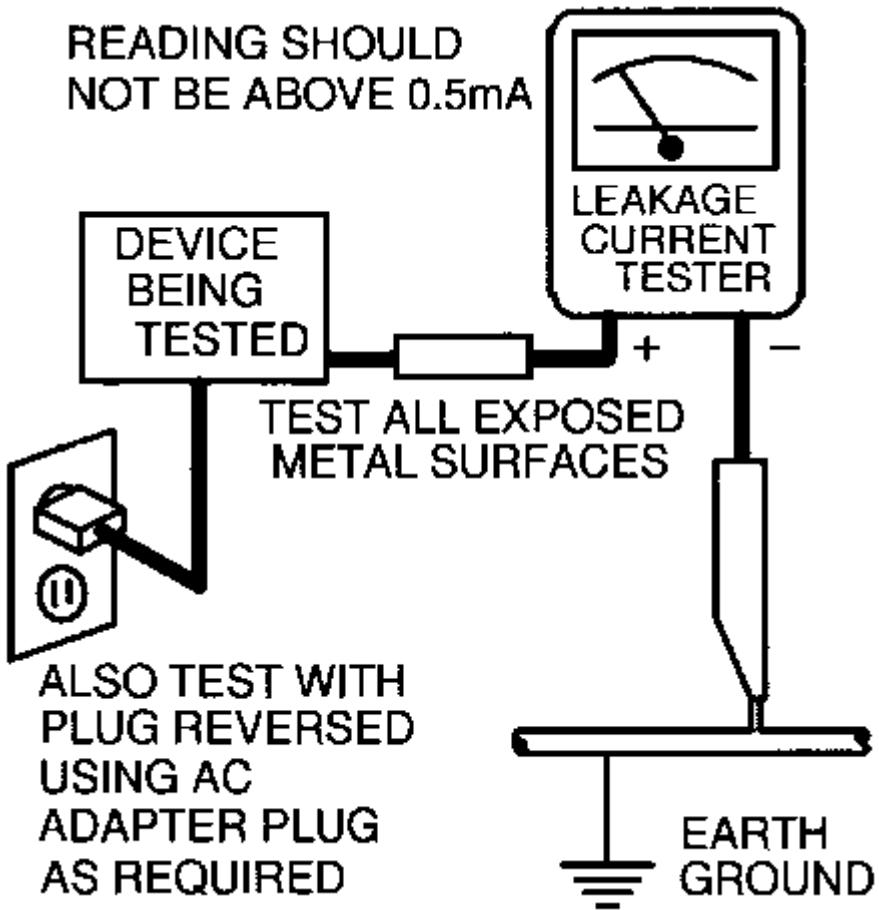
LEAKAGE CURRENT HOT CHECK

1. Do not use an isolation transformer for this test. Plug the completely reassembled receiver directly into the ac outlet.
2. Connect a 1.5k, 10W resistor paralleled by a 0.15uF. capacitor between each exposed metallic cabinet part and a good earth ground such as a water pipe, as shown below.
3. Use an ac voltmeter with at least 5000 ohms/volt sensitivity to measure the potential across the resistor.
4. The potential at any point should not exceed 0.75 volts. A leakage current tester may be used to make this test; leakage current must not exceed 0.5mA. If a measurement is outside of the specified limits, there is a possibility of shock hazard. The receiver should be repaired and rechecked before returning it to the customer.
5. Repeat the above procedure with the ac plug reversed. (Note: An ac adapter is necessary when a polarized plug is used. Do not defeat the polarizing feature of the plug.)

OR

With the instrument completely reassembled, plug the ac line cord directly into a 120Vac outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument ac switch first in the on position and then in the off position, measure from a known earth ground (metal water pipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle brackets, metal cabinet, screw heads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5mA. Reverse the instrument power cord plug in the outlet and repeat the test. See the graphic below.

READING SHOULD
NOT BE ABOVE 0.5mA



TV SAFETY NOTES

SAFETY CHECKS

After the original service problem has been corrected, a complete safety check should be made. Be sure to check over the entire set, not just the areas where you have worked. Some previous servicer may have left an unsafe condition, which could be unknowingly passed on to your customer. Be sure to check all of the following:

- Fire and Shock Hazard
- Impllosion
- X-Radiation
- Leakage Current Cold Check
- Leakage Current Hot Check
- Picture Tube Replacement
- Parts Replacement

WARNING: Before removing the CRT anode cap, turn the unit OFF and short the HIGH VOLTAGE to the CRT DAG ground.

SERVICE NOTE: The CRT DAG is not at chassis ground.

IMPLOSION

1. All picture tubes used in current model receivers are equipped with an integral implosion system. Care should always be used, and safety glasses worn, whenever handling any picture tube. Avoid scratching or otherwise damaging the picture tube during installation.
2. Use only replacement tubes specified by the manufacturer.

X-RADIATION

1. Be sure procedures and instructions to all your service personnel cover the subject of X-radiation. Potential sources of X-rays in TV receivers are the picture tube and the high voltage circuits. The basic precaution which must be exercised is to keep the high voltage at the factory recommended level.
2. To avoid possible exposure to X-radiation and electrical shock, only the manufacturer's specified anode connectors must be used.
3. It is essential that the service technician has an accurate HV meter available at all times. The calibration of this meter should be checked periodically against a reference standard.
4. When the HV circuitry is operating properly there is no possibility of an X-radiation problem. High voltage should always be kept at the manufacturer's rated value - no higher - for optimum performance. Every time a color set is serviced, the brightness should be run up and down while monitoring the HV with a meter to be certain that the HV is regulated correctly and does not exceed the specified value. We suggest that you and your technicians review test procedures so that HV and HV regulation are always checked as a standard servicing procedure, and the reason for this prudent routine is clearly understood by everyone. It is important to use an accurate and reliable HV meter. It is recommended that the HV reading be recorded on each customer's invoice, which will demonstrate a proper concern for the customer's safety.

5. When troubleshooting and making test measurements in a receiver with a problem of excessive high voltage, reduce the line voltage by means of a Variac to bring the HV into acceptable limits while troubleshooting. Do not operate the chassis longer than necessary to locate the cause of the excessive HV.
6. New picture tubes are specifically designed to withstand higher operating voltages without creating undesirable X-radiation. It is strongly recommended that any shop test fixture which is to be used with the new higher voltage chassis be equipped with one of the new type tubes designed for this service. Addition of a permanently connected HV meter to the shop test fixture is advisable. The CRT types used in these new sets should never be replaced with any other types, as this may result in excessive X-radiation.
7. It is essential to use the specified picture tube to avoid a possible X-radiation problem.
8. Most TV receivers contain some type of emergency "Hold Down" circuit to prevent HV from rising to excessive levels in the presence of a failure mode. These various circuits should be understood by all technicians servicing them, especially since many hold down circuits are inoperative as long as the receiver performs normally.

PICTURE TUBE REPLACEMENT

The primary source of X-radiation in this television receiver is the picture tube. The picture tube utilized in this chassis is specially constructed to limit X-radiation emissions. For continued X-radiation protection, the replacement tube must be the same type as the original, including suffix letter, or a Philips approved type.

PARTS REPLACEMENT

Many electrical and mechanical parts in Philips television sets have special safety related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. The use of a substitute part which does not have the same safety characteristics as the Philips recommended replacement part shown in this service manual may create shock, fire, or other hazards.

PRODUCT SAFETY GUIDELINES FOR ALL PRODUCTS

CAUTION: Do not modify any circuit. Service work should be performed only after you are thoroughly familiar with all of the following safety checks. Risk of potential hazards and injury to the user increases if safety checks are not adhered to.

USE A SEPARATE ISOLATION TRANSFORMER FOR THIS UNIT WHEN SERVICING.

PREVENTION OF ELECTROSTATIC DISCHARGE (ESD)

Some semiconductor solid state devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electrostatic discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "antistatic (ESD protected)" can generate an electrical charge sufficient to damage ES devices.
5. Do not use Freon propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it (most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

CAUTION: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your feet from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device.)

NOTE to CATV system Installer:

This reminder is provided to call the CATV system installer's attention to article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

PRACTICAL SERVICE PRECAUTIONS

IT MAKES SENSE TO AVOID EXPOSURE TO ELECTRICAL SHOCK. While some sources are expected to have a possible dangerous impact, others of quite high potential are of limited current and are sometimes held in less regard.

ALWAYS RESPECT VOLTAGES. While some may not be dangerous in themselves, they can cause unexpected reactions – reactions that are best avoided. Before reaching into the powered color TV set, it is best to test the high voltage insulation. It is easy to do, and is just a good service precaution.

BEFORE POWERING UP THE TV WITH THE BACK OFF (or on a test fixture), attach a clip lead to the CRT DAG ground and to a screwdriver blade that has a well insulated handle. After the TV is powered on and high voltage has developed, probe the anode lead with the blade, starting at the bottom of the High Voltage Transformer (flyback – IFT). Move the blade to within two inches of the connector of the CRT. **IF THERE IS AN ARC, YOU FOUND IT THE EASY WAY, WITHOUT GETTING A SHOCK!** If there is an arc to the screwdriver blade, replace the High Voltage Transformer or the lead, (if removable) whichever is causing the problem.

PICTURE TUBE REPLACEMENT PROCEDURE

Note: a. Two (2) people are required to handle this picture tube.
b. Safety Glasses must be worn during this procedure or whenever directly handling a picture tube.
c. Take care in each step not to damage the CRT or the cabinet.

1. Remove the Chassis and the CRT Socket Board Module from the cabinet.
2. A furniture pad or blanket should be positioned on the floor to support only the CRT Face. This pad or blanket should be high enough to keep the CRT Face approximately 12 to 14 inches off the floor.
3. Using two people, place the cabinet in a front down position with the CRT Face on the pad or blanket.
4. Place padded blocks under each corner of the cabinet to keep it from rocking.
5. Remove the four screws, at the corners of the CRT.
6. With two people lowering the cabinet to the floor, leave the CRT elevated by the pad or blanket.

Note: Take care not to grasp the neck of the CRT during this procedure, as it is extremely fragile.

7. Two (2) people may then lift the CRT from the cabinet.
8. Remove the degaussing coil from the defective CRT and mount on the replacement. Take care to maintain the exact shape and fit.

To install the new CRT, reverse steps 1 to 7.

SPECIFICATIONS

<TUNER>

ANT. Input	75 ohm Unbal., F type
Reference Level	20Vp-p (CRT Green Cathode)
Test Input Signal	400Hz 30% modulation

Description	Condition	Unit	Nominal	Limit
Intermediate Freq.	Picture	MHz	45.75	—
	Sound	MHz	41.25	—
Peak Picture Sens	VHF	DBmV	15	30
	CATV	DBmV	15	30
	UHF	dBmV	15	40
AFT Pull In Range (10mV input)	—	MHz	± 2.0	± 0.7

<DEFLECTION>

Description	Condition	Unit	Nominal	Limit
Deflection Freq.	Horizontal	kHz	15.734	—
	Vertical	Hz	60	—
Linearity	Horizontal	%	—	± 15
	Vertical	%	—	± 10
Over Scan	—	%	10	—
High Voltage	—	KV	26	—

<VIDEO & CHROMA>

Description	Condition	Unit	Nominal	Limit
Misconvergence	Center	mm	—	0.4
	Side	mm	—	1.5
	Corner	mm	—	2.1
Brightness	APL 100%	Ft-L	40	25
Color Temperature	—	°K	9200°K	—
Resolution	Horizontal	Line	250	—
	Vertical	Line	300	—

<AUDIO>

All items are measured across 8W load at speaker output terminal.

Description	Condition	Unit	Nominal	Limit
Audio Output Power	10% THD	W	1	0.8
Audio Distortion (w/LPF)	500mW	%	2	7
Audio Freq. Response	-3dB	Hz	70~11K	—

Note:

Nominal specifications represent the design specifications. All units should be able to approximate these. Some will exceed and some may drop slightly below these specifications. Limit specifications represent the absolute worst condition that still might be considered acceptable. In no case should a unit fail to meet limit specifications.

CABINET DISASSEMBLY INSTRUCTIONS

Comparison Chart of Models and Marks

MODEL	MARK
MT1331B	A
MT1340B	B
MT1905B	C

Disassembly Flowchart

This flowchart indicates the disassembly steps for the cabinet parts, and the CBA in order to gain access to item(s) to be serviced. When reassembling, follow the steps in reverse order. Bend, route and dress the cables as they were.

Caution !

When removing the CRT, be sure to discharge the Anode Lead of the CRT with the CRT Ground Wire before removing the Anode Cap.

Disassembly Method

Step/ Loc. No.	Part	Removal		
		Fig. No.	Remove/*unlock/ release/unplug/ unclamp/desolder	Note
[1]	Rear Cabinet	1,2	4(S-1) Mark: A, B 5(S-1) Mark: C 1(S-3)	1
[2]	CRT CBA	4,5	CN501	2
[3]	Main CBA	3,5	CN571	3
[4]	CRT	4	4(S-2), Anode Cap	4

MT1331, MT1340, MT1905, MT1931, 19PRC101 Service Adjustments

Comparison Chart of Models and Marks

MODEL	MARK
MT1331B101	A
MT1340B101	B
MT1905B101	C
MT1931B101	D
19PR09C101	E

General Note: "CBA" is abbreviation for "Circuit Board Assembly."

NOTE:

Electrical adjustments are required after replacing circuit components and certain mechanical parts. It is important to perform these adjustments only after all repairs and replacements have been completed. Also, do not attempt these adjustments unless the proper equipment is available.

Test Equipment Required

1. NTSC Pattern Generator (Color Bar w/White Window, Red Color, Dot Pattern, Gray Scale, Monoscope, Multi-Burst)
2. DC Voltmeter
3. Oscilloscope: Dual-trace with 10:1 probe,
V-Range: 0.001~50V/Div,
F-Range: DC~AC-60MHz
4. Plastic Tip Driver
5. DC power supply 13.2V/5A
6. Color Analyzer

X-Ray Protection Test

X-ray protection test should be done when replacing any parts of this chassis

1. Short test points J240 and J241 (on Main CBA).
2. Confirm that the main power turns off.
3. If the main power does not turn off, then replace the following parts (D591, R592, R593, R594 and IC101).
4. Perform steps 1 to 3 again.

How to set up the service mode

Service mode:

Press remote control buttons 2—>7—>1—> and MUTE sequentially within 5 seconds after turning the power off.

1. Use the remote control unit.
2. Turn the power on.
3. Turn the power off.
4. Press the 2, 7, 1 and then the MUTE button.
5. These steps must be done within 5 seconds.

(Version of microcomputer will display on the CRT. Ex: 050-0.08)

DC 105V Adjustment (Models A, B)

Purpose: To obtain correct operation.

Symptom of Misadjustment: The picture is dark and the unit does not operate correctly.

Test Point	Adjustment Point	Input
<u>TP601</u> <u>TP300</u> (GND)	<u>VR661</u>	—
Equipment	Spec.	
DC Voltmeter	+105 ± 0.5V DC	

Note: TP601, TP300 (GND), VR661 — Main CBA

1. Connect DC Voltmeter to TP601 and TP300 (GND).
2. Adjust VR661 so that the voltage of TP601 becomes $+105 \pm 0.5V$ DC.

DC 114V Adjustment (Models C, D, E)

Purpose: To obtain correct operation.

Symptom of Misadjustment: The picture is dark and the unit does not operate correctly.

Test Point	Adjustment Point	Input
<u>TP601</u> <u>TP300</u> (GND)	<u>VR661</u>	—
Equipment	Spec.	
DC Voltmeter	+114 ± 0.5V DC	

Note: TP601, TP300 (GND), VR661 — Main CBA

1. Connect DC Voltmeter to TP601 and TP300 (GND).
2. Adjust VR661 so that the voltage of TP601 becomes $+114 \pm 0.5V$ DC.

Black Stretch Control Adjustment

Purpose: To show the fine black color.

Symptom of Misadjustment: Black color will not appear correctly.

Note: Use Service remote control unit.

1. Enter the Service mode.
2. Press "6" button on the Service remote control unit. "B-S" is indicated.
3. Press "CH up/down" buttons on the Service remote control unit so that display will change "OFF," "0," "1," "2" and "3." Then choose "B-S OFF."
4. Press "6" button on the Service remote control unit. "B-S*2" is indicated.
5. Press "CH up/down" buttons on the Service remote control unit so that display will change "0," "1," "2" and "3." Then choose "B-S*2 0."
6. Turn the power off and on again. (Main power button on the TV unit.)

Setting for STEREO and S-P Data Values

General

1. Enter the Service mode.
2. Press "VOL up" button on the Service remote control unit. Display changes "C/D," "VCO," "STEREO" and "S-P" cyclically when "VOL up" button is pressed.

Stereo

1. Press "VOL down" button on the Service remote control unit. Then select "STEREO" display.
2. Press "CH up/down" buttons on the Service remote control unit. Then choose STEREO=OFF.

S-P

1. Press "VOL down" button on the Service remote control unit. Then select "S-P" display.
2. Press "CH up/down" buttons on the Service remote control unit. Then choose S-P=OFF.

Note: There is no need to adjust C/D and VCO data values at this time.

Setting for CONTRAST, COLOR, TINT, V-TINT and SHARP Data Values

General

1. Enter the Service mode.
2. Press "MENU" button on the Service remote control unit. Display changes "BRIGHT," "CONTRAST," "COLOR," "TINT," "V-TINT" and "SHARP" cyclically when "MENU" button is pressed.

Contrast (CNT)

1. Press "MENU" button on the Service remote control unit. Then select "CONTRAST" (CNT) display.
2. Press "CH up/down" buttons on the Service remote control unit so that the value of "CONTRAST" (CNT) becomes 92.

Color (CLR)

1. Press "MENU" button on the Service remote control unit. Then select "COLOR" (CLR) display.
2. Press "CH up/down" buttons on the Service remote control unit so that the value of "COLOR" (CLR) becomes 56.

Tint (TNT)

1. Press "MENU" button on the Service remote control unit. Then select "TINT" (TNT) display.
2. Press "CH up/down" buttons on the Service remote control unit so that the value of "TINT" (TNT) becomes 60.

V-Tint (V-TNT)

1. Press "MENU" button on the Service remote control unit. Then select "V-TINT" (V-TNT) display.
2. Press "CH up/down" buttons on the Service remote control unit so that the value of "V-TINT" (V-TNT) becomes 60.

Sharp (SHARP)

1. Press "MENU" button on the Service remote control unit. Then select "SHARP" (SHARP) display.
2. Press "CH up/down" buttons on the Service remote control unit and select "SHARP OFF."

Note: There is no need to adjust BRIGHT data value at this time.

H f0 Adjustment

Purpose: To get correct horizontal frequency.

Symptom of Misadjustment: If H f0 adjustment is incorrect, skew distortion will appear on the screen.

Test Point	Adj. Point	Input
TP302	CH up/down button ["H-ADJ"] MODE	—
Equipment	Spec.	
Frequency Counter	15.734 kHz ± 300Hz	

Note: TP302 — Main CBA
Use Service remote control unit.

1. Connect frequency counter to TP302 and ground.
2. Set the unit to the VIDEO mode which is located before CH2 and no input is necessary. Enter the Service mode.
3. Operate the unit for at least 20 minutes.
4. Press "2" button on the Service remote control unit and select H-ADJ Mode. (By pressing "2" button the display will change from TV AGC to H-ADJ.)
5. Press "CH up/down" button on the Service remote control unit so that the display will change "0" ~ "7." At this moment, choose one of the numbers from "0" ~ "7" when the frequency counter shows 15.734kHz ± 300Hz.
6. Turn the power off and on again (main power button on the TV unit.)

VCO Adjustment

Purpose: To operate VCO correctly.

Symptom of Misadjustment: VCO does not work correctly and/or synchronization is faulty.

Test Point	Adj. Point	Input
—	—	No signal
Equipment	Spec.	
—	—	

Note: Use service remote control unit.

1. Disconnect the RF input and set the unit to Channel 4.
2. Enter the Service mode.
3. Press "3" button on the Service remote control unit. The Auto VCO adjustment is started.
4. If the display color is changed from red to green, this adjustment is done.
5. Turn the power off and on again (main power button on the TV unit.)

AGC Adjustment

Purpose: Set AGC (Auto Gain Control) Level.

Symptom of Misadjustment: AGC does not synchronize correctly when RF input level is too weak and picture distortion may occur if it is too strong.

Test Point	Adj. Point	Mode	Input
TP301	CH up/down buttons	RF	Color Bar 67.25MHz 60dBmV
Equipment		Spec.	
<u>Pattern Generator</u> DC Voltmeter		$+2.5 \pm 0.1\text{VDC}$ or $+2.8 \pm 0.1\text{VDC}$ by Tuner Type.	

Notes: TP301 — Main CBA
Use Service remote control unit.

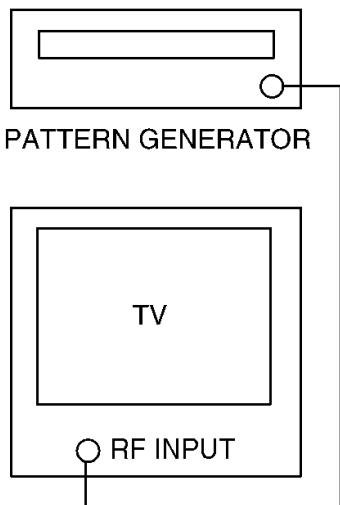


Fig. 2

1. Enter the Service mode.

Then press number "2" button on the Service remote control unit.

2. Receive the Color Bar signal for channel 4 (67.25MHz). (RF Input Level: 60dBmV)
3. Press "CH up/down" buttons so that the voltage of TP301 becomes $+2.5 \pm 0.1\text{V DC}$, if the tuner type number is TEDH9-300A.
4. Press "CH up/down" buttons so that the voltage of TP301 becomes $+2.8 \pm 0.1\text{V DC}$ (Mark A, C, D, E) / $+2.7 \pm 0.1\text{V DC}$ (Mark B), if the tuner type number is B8095AP (Mark A, C, D, E) / TEDH9-930A (Mark B).
5. Turn the power off and on again (main power button on the TV unit.)

Black Level Adjustment

Purpose: Set Black Level

Symptom of Misadjustment: If black level is incorrect, proper brightness cannot be obtained by adjusting the Brightness Control.

Note: TP502, TP501 (GND) — CRT CBA

1. Enter the Service mode.
2. Press "MENU" button on the Service remote control unit and select "BRT" mode. (Display changes "BRT," "CNT," "CLR" and "TNT" cyclically when MENU button is pressed).
3. Press "CH up/down" buttons on the Service remote control unit so that the value of "BRT" becomes 128.
4. Turn the power off and on again (main power button on the TV unit.)

C-Trap Adjustment

Purpose: To get minimum leakage of the color signal carrier.

Symptom of Misadjustment: If C- Trap Adjustment is incorrect, stripes will appears on the screen.

Test Point	Adj. Point	Mode	Input
<u>TP502 (Blue)</u>	CH up/down buttons	RF	Color Bar
<u>TP501 (GND)</u>			
Equipment	Spec.		
Oscilloscope	—		

Note: TP502, TP501 — CRT CBA

Use Service remote control unit.

1. Connect oscilloscope to TP502 and TP501 (GND).
2. Enter the Service mode. Receive color bar signal from RF Input.
3. Press "0" button on the Service remote control unit and select C-TRP Mode.
4. Press "CH up/down" buttons on the Service remote control unit so that the display will change "0," "1," "2" and "3." Choose display "0," "1," "2" or "3" when B-Out (3.58MHz) value becomes minimum on the oscilloscope reading.
5. Turn the power off and on again (main power button on the TV unit.)

V. Size Adjustment

Purpose: To obtain correct vertical height of screen image.

Symptom of Misadjustment: If V. Size is incorrect, vertical size of image on the screen may not be properly displayed.

Test Point	Adj. Point	Mode	Input
—	Screen Control CH up/down buttons [V-S] Mode	RF	Monoscope
Equipment	Spec.		
Monoscope	90 ± 5%		

Note: Use service remote control unit.

1. Operate the unit for at least 20 minutes.
2. Enter the Service mode.
3. Receive the Monoscope Pattern.
4. Press "9" button on the Service remote control unit and select "V-S" mode. (Display changes "V-S" and "V-P" cyclically when "9" button is pressed).
5. Press "CH up/down" buttons on the Service remote control unit so that the monoscope pattern is 90 ± 5% of display size and the circle is round.
6. Turn the power off and on again (main power button on the TV unit.)

V. Position Adjustment

Purpose: To obtain correct vertical position of screen image.

Symptom of Misadjustment: If V. Position is incorrect, vertical height of image on the screen may not be properly displayed.

Test Point	Adj. Point	Mode	Input
—	Screen Control CH up/down buttons [V-P] Mode	RF	Monoscope
Equipment	Spec.		
Monoscope	90 ± 5%		

Note: Use Service remote control unit

1. Operate the unit for at least 20 minutes.
2. Enter the Service mode.
3. Receive the Monoscope Pattern.
4. Press "9" button on the Service remote control unit and select "V-P" mode. (Display changes "V-S" and "V-P" cyclically when "9" button is pressed).
5. Press "CH up/down" buttons on the Service remote control unit so that the top and bottom of the monoscope pattern are equal to each other.
6. Turn the power off and on again (main power button on the TV unit.)

H. Position Adjustment

Purpose: To obtain correct horizontal position of screen image.

Symptom of Misadjustment: If H. Position is incorrect, horizontal position of image on the screen may not be properly displayed.

Test Point	Adj. Point	Mode	Input
—	Screen Control CH up/down buttons [H-P] Mode	RF	Monoscope
Equipment		Spec.	
Monoscope		90 ± 5%	

Note: Use Service remote control unit

1. Operate the unit for at least 20 minutes.
2. Enter the Service mode.
3. Receive the Monoscope Pattern.
4. Press "8" button on the remote control unit and select "H-P" mode.
5. Press "CH up/down" buttons on the Service remote control unit so that the monoscope pattern is $90 \pm 5\%$ of display size and the circle is round.
6. Turn the power off and on again (main power button on the TV unit.)

Cut-off Adjustment

Purpose: To adjust the beam current of R, G, B, and screen voltage.

Symptom of Misadjustment: White color may be reddish, greenish or bluish.

Test Point	Adj. Point	Mode	Input
—	Screen-Control CH up/down buttons	RF	Black Raster
Equipment	Spec.		
<u>Pattern Generator</u>	See Reference Notes below.		

Note: Screen Control FBT — Main CBA

F.B.T= Flyback Transformer

Use Service remote control unit

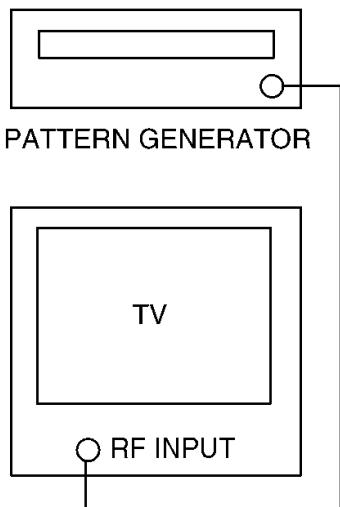


Fig. 2

1. Degauss the CRT and allow CRT to operate for 20 minutes before starting the alignment.
2. Input the Black Raster Signal from RF Input.
3. Enter the Service mode.
4. Press "VOL down" button on the Service remote control unit and select "C/D" mode. (Display changes "C/D," "VCO," "STEREO" and "S-P" cyclically when "VOL down" button is pressed.) then press "1." The display will momentarily show "CUT OFF R" (R= Red). Now there should be a horizontal line across the center of the picture tube. If needed gradually turn the screen control on the flyback clockwise until the horizontal line appears. Adjust the Red Cut off by pressing the "CH up/down" buttons. Proceed to Step 5 when the Red Cut off adjustment is done.
5. Press the "2" button. The display will momentarily show "CUT OFF G" (G=Green). Adjust the Green Cut off by pressing the "CH up/down" buttons. Proceed to step 6 when the Green Cut off adjustment is done.
6. Press the "3" button. The display will momentarily show "CUT OFF B" (B=Blue). Adjust the Blue cut off by pressing the "CH up/down" buttons. When done with steps 4, 5 and 6 the horizontal line should be pure white, if not, then attempt the Cut off adjustment again.

White Balance Adjustment

Purpose: To mix red, green and blue beams correctly for pure white.

Symptom of Misadjustment: White becomes bluish or reddish.

Test Point	Adj. Point	Mode	Input
Screen	CH up/down buttons	RF	White Raster (APL 100%)
Equipment			Spec.
<u>Pattern Generator</u> , Color analyzer			See below

Note: Use Service remote control unit

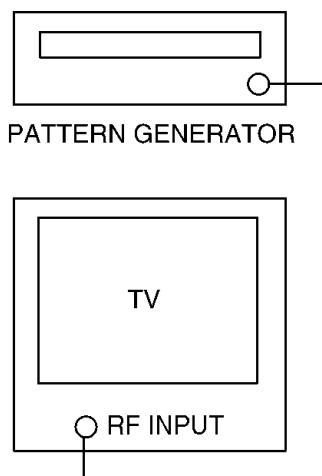


Fig. 2

1. Operate the unit more than 20 minutes.
2. Face the unit east. Degauss the CRT using a degaussing coil.
3. Input the White Raster (APL 100%).
4. Set the color analyzer to the CHROMA mode and after zero point calibration, bring the optical receptor to the center on the tube surface (CRT).
5. Enter the Service mode. Press "VOL down" button on the Service remote control unit and select "C/D" mode. (Display changes "C/D," "VCO," "STEREO" and "S-P" cyclically when "VOL down" button is pressed.) Press No. 8 button on the Service remote control unit.
6. Press No. 4 button on the service remote control unit for Red adjustment. Press No. 5 button on the Service remote control unit for Blue adjustment.
7. In each color mode, press "CH up/down" button to adjust the values of color.
8. Adjust Red and Blue color so that the temperature becomes 9200K (x : 286 / y : 294) 3%.
9. At this time, re-check that horizontal line is white. If not, re-adjust Cut-off Adjustment until the horizontal line becomes pure white.
10. Turn off and on again to return to normal mode. Receive APL 100% white signal and confirm that Chroma temperatures become 9200K (x : 286 / y : 294) 3%.

Note: Confirm that Cut Off Adj. is correct after this adjustment, and attempt Cut Off Adj. if needed.

Sub-Brightness Adjustment

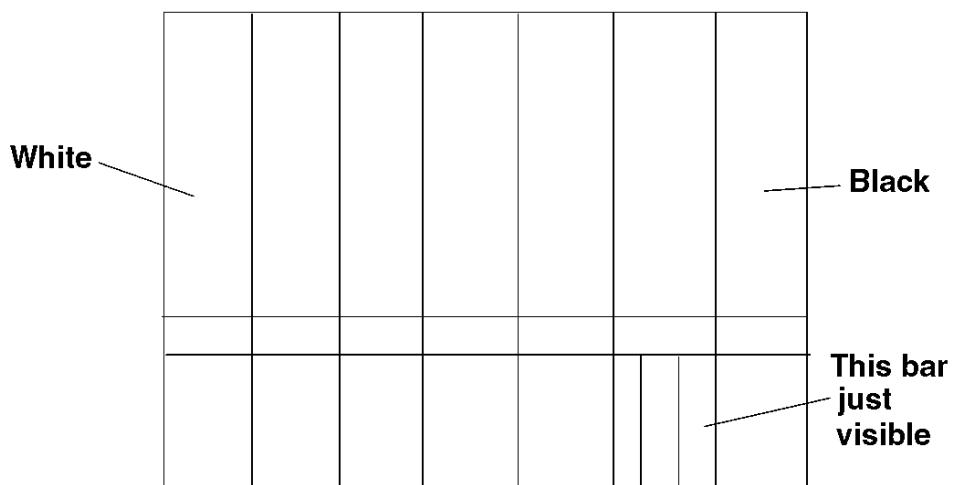
Purpose: To get proper brightness.

Symptom of Misadjustment: If Sub-Brightness is incorrect, proper brightness cannot be obtained by adjusting the Brightness Control.

Test Point	Adj. Point	Mode	Input
—	CH up/down buttons	RF	IQW
Equipment	Spec.		
Pattern Generator	<u>See below</u>		

Note: IQW Setup level — 7.5 IRE

Use Service remote control unit



1. Enter the Service mode. Then input IQW signal from RF Input.
2. Press "MENU" button on the Service remote control unit and Select "BRT" mode. (Display changes "BRT," "CNT," "CLR," and "TNT" cyclically when MENU button is pressed). Press "CH up/down" buttons so that the bar is just visible ([See above figure](#)).
3. Turn the power off and on again (main power button on the TV unit.)

Focus Adjustment

Purpose: Set the optimum Focus.

Symptom of Misadjustment: If Focus Adjustment is incorrect, blurred images are shown on the display.

Test Point	Adj. Point	Mode	Input
—	Focus Control	—	Monoscope
Equipment		Spec.	
Pattern Generator		See below.	

Note: Focus VR (FBT) — Main CBA FBT = Flyback Transformer

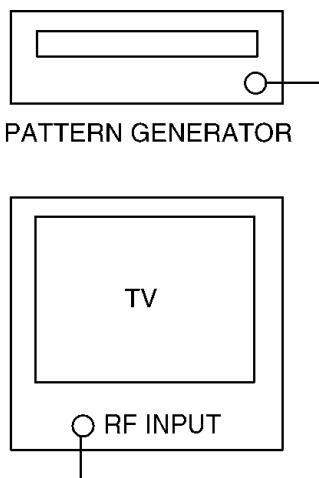


Fig. 2

1. Operate the unit more than 30 minutes
2. Face the unit to the East and degauss the CRT using a degaussing coil.
3. Input the Monoscope Pattern.
4. Adjust the Focus Control on the FBT to obtain a clear picture.

The following 2 adjustments normally are not attempted in the field. Only adjust as a preparation when replacing the CRT.

Purity Adjustment

Purpose: To obtain pure color.

Symptom of Misadjustment: If Color Purity Adjustment is incorrect, large areas of color may not be properly displayed.

Test Point	Adj. Point	Mode	Input
—	<u>Deflection Yoke</u> <u>Purity Magnet</u>	—	Red Color
Equipment		Spec.	
<u>Pattern Generator</u>	<u>See below.</u>		

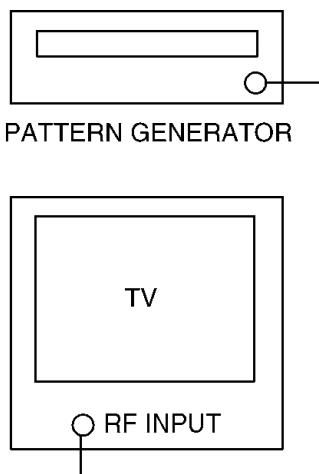
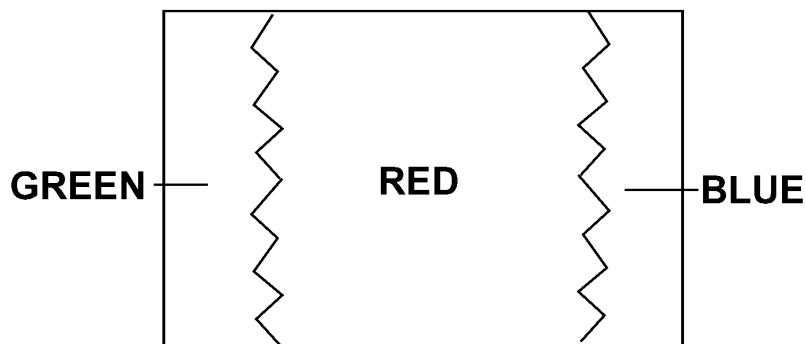


Fig. 2



1. Set the unit facing east.
2. Operate the unit for over 30 minutes before adjusting.
3. Fully degauss the unit using an external degaussing coil.
4. Loosen the screw on the Deflection Yoke Clamper and pull the Deflection Yoke back away from the screen. (See [Fig. 6](#))

5. Loosen the Ring Lock and adjust the Purity Magnets so that a red field is obtained at the center of the screen. Tighten Ring Lock. (See Fig. 5, 6)
6. Slowly push the Deflection Yoke toward bell of CRT and set it where a uniform red field is obtained.
7. Tighten the clamp screw on the Deflection Yoke.

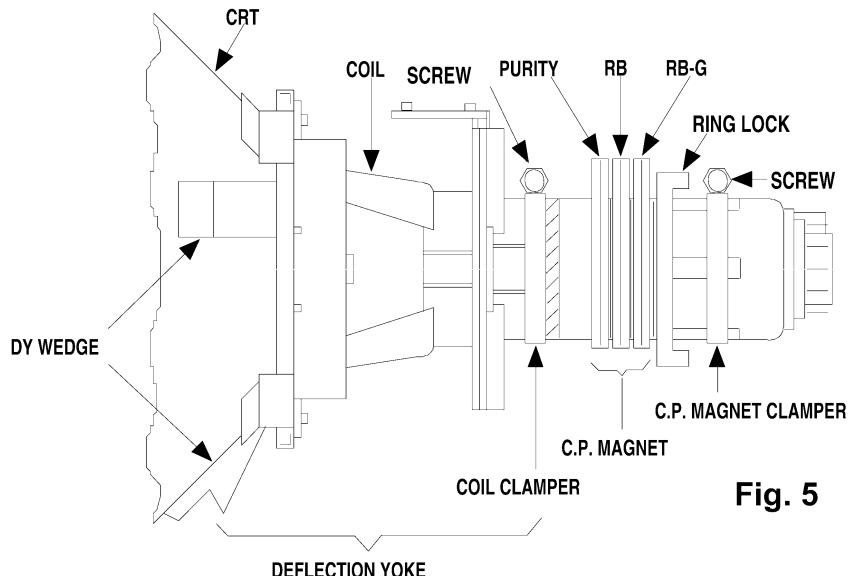


Fig. 5

C.P. MAGNET (RB)

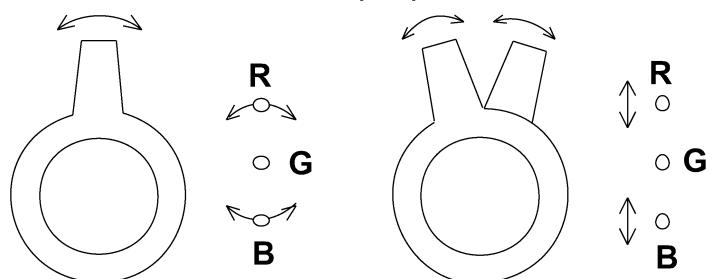


Fig. 6

C.P. MAGNET (RB-G)

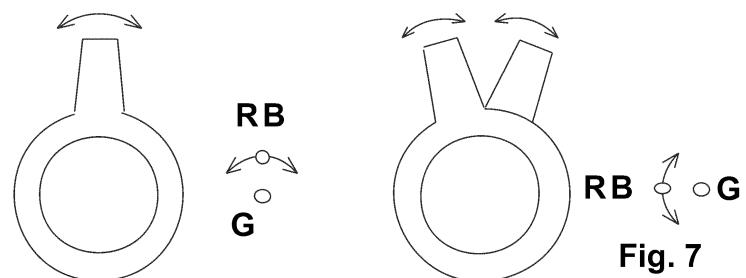


Fig. 7

Convergence Adjustment

Purpose: To obtain proper convergence of red, green and blue beams.

Symptom of Misadjustment: If Convergence Adjustment is incorrect, the edge of white letters may have color edges.

Test Point	Adj. Point	Mode	Input
—	<u>C.P. Magnet (RB),</u> <u>C.P. Magnet (RB-G),</u> <u>Deflection Yoke</u>	—	Dot Pattern or Crosshatch
Equipment		Spec.	
<u>Pattern Generator</u>		<u>See below.</u>	

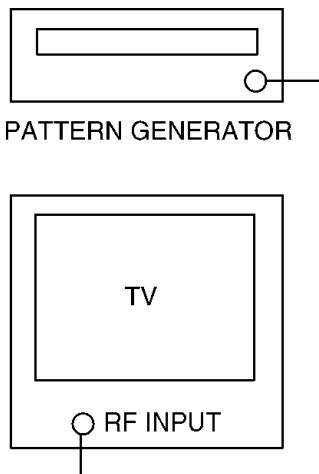


Fig. 2

1. Loosen the Ring Lock and align red with blue dots or Crosshatch at the center of the screen by rotating (RB) C.P. Magnets.
2. Align red / blue with green dots at the center of the screen by rotating (RB-G) C.P. Magnet.
3. Fix the C.P. Magnets by tightening the Ring Lock.
4. Remove the DY Wedges and slightly tilt the Deflection Yoke horizontally and vertically to obtain the best overall convergence.
5. Fix the Deflection Yoke by carefully inserting the DY Wedges between CRT and Deflection Yoke.

PR0930, PR0935 Service Adjustments

General Note: "CBA" is abbreviation for "Circuit Board Assembly."

NOTE: Electrical adjustments are required after replacing circuit components and certain mechanical parts. It is important to perform these adjustments only after all repairs and replacements have been completed. Also, do not attempt these adjustments unless the proper equipment is available.

Test Equipment Required

1. NTSC Pattern Generator (Color Bar w/White Window, Red Color, Dot Pattern, Gray Scale, Monoscope, Multi-Burst)
2. DC Voltmeter
3. Oscilloscope: Dual-trace with 10:1 probe,
V-Range: 0.001~50V/Div,
F-Range: DC~AC-60MHz
4. Plastic Tip Driver
5. Service remote control unit: Part No. 4835 218 37315 (A, C, D, E) , 4835 218 37315 (B)
6. DC power supply 13.2V/5A
7. Color Analyzer

X-Ray Protection Test

X-ray protection test should be done when replacing any parts of this chassis

1. Short test points J240 and J241(On Main CBA).
2. Confirm that the main power turns off.
3. If the main power does not turn off, then replace the following parts (D591, R592, R593, R594 and IC101).
4. Perform steps 1 to 3 again.

How to set up the service mode

Service mode:

Press remote control buttons 2—>7—>1—> and MUTE sequentially within 5 seconds after turning the power off.

1. Use the remote control unit.
2. Turn the power on.
3. Turn the power off.
4. Press the 2, 7, 1 and then the MUTE button.
5. These steps must be done within 5 seconds. (Version of microcomputer will display on the CRT. Ex: 220-0.14 or 209-0.15)

DC 117V/AC 117V Adjustment

Purpose: To obtain correct operation.

Symptom of Misadjustment: The picture is dark and the unit does not operate correctly.

Test Point	Adjustment Point	Input
<u>J282 (+117V)</u>	<u>VR961 (DC)</u>	—
<u>J283 (GND)</u>	<u>VR661 (AC)</u>	
Equipment	Spec.	
DC Voltmeter	+117 ± 0.5V DC	
AC Voltmeter	+117 ± 0.5V AC	

Note: J282, J283(GND), VR961, VR661 — Main CBA

1. Receive the Color Bar signal at any channel.
2. Connect DC Voltmeter to J282 and J283(GND).
3. Connect AC Voltmeter to J282 and J283(GND).
4. Adjust VR961 so that the voltage of J282 becomes $+117 \pm 0.5V$ DC.
5. Adjust VR661 so that the voltage of J282 becomes $+117 \pm 0.5V$ AC.

Black Stretch Control Adjustment

Purpose: To show the fine black color.

Symptom of Misadjustment: Black color will not appear correctly.

Note: Use remote control unit.

1. Enter the Service mode.
2. Press "6" button on the remote control unit.
3. Press "CH up/down" buttons on the remote control unit so that display will change "0," "1," "2" and "3." Then choose "0."
4. Press "6" button on the remote control unit.
5. Press "CH up/down" buttons on the remote control unit so that display will change "B-S*" and "B-S*2." Select "B-S*2" and choose "3."
6. Turn the power off and on again. (Main power button on the TV unit.)

Setting for OSD D/A, AFC 2, 9V and STEREO Data Values

General

1. Enter the Service mode.
2. Press "VOL up" button on the remote control unit. Display changes "OSD D/A," "C/D," "AFC 2," "VCO," "9V" and "STEREO" cyclically when "VOL up" button is pressed.

OSD D/A

1. Press "VOL up" button on the remote control unit. Then select OSD D/A display.
2. Press "CH up/down" buttons on the remote control unit. Then choose OSD D/A=DIG.

S-P

1. Press "VOL up" button on the remote control unit. Then select S-P display.
Press "CH up/down" buttons on the remote control. Then choose S-P=OFF.

AFC 2

1. Press "VOL up" button on the remote control unit. Then select AFC 2 display.
2. Press "CH up/down" buttons on the remote control. Then choose AFC 2 = "NOR."

9V

1. Press "VOL up" button on the remote control unit. Then select 9V display.
2. Press "CH up/down" buttons on the remote control unit. Then choose 9V=ON.

STEREO

1. Press "VOL up" button on the remote control unit. Then select STEREO display.
2. Press "CH up/down" buttons on the remote control unit. Then choose STEREO=OFF.

Note: There is no need to adjust C/D and VCO data values at this moment.

Setting for CONTRAST, COLOR and TINT Data Values

General

1. Enter the Service mode.
2. Press "MENU" button on the remote control unit. Display changes "BRIGHT," "CONTRAST," "COLOR" and "TINT" cyclically when "MENU" button is pressed.

CONTRAST (CNT)

1. Press "MENU" button on the remote control unit. Then select "CONTRAST" (CNT) display.
2. Press "CH up/down" buttons on the remote control unit so that the value of "CONTRAST" (CNT) becomes 84.

COLOR (CLR)

1. Press "MENU" button on the remote control unit. Then select "COLOR" (CLR) display.
2. Press "CH up/down" buttons on the remote control unit so that the value of "COLOR" (CLR) becomes 56.

TINT (TNT)

1. Press "MENU" button on the remote control unit. Then select "TINT" (TNT) display.
2. Press "CH up/down" buttons on the remote control unit so that the value of "TINT" (TNT) becomes 60.

V-TINT (V-TNT)

1. Press "MENU" button on the remote control unit. Then select "V-TINT" (V-TNT) display.
2. Press "CH up/down" buttons on the remote control unit so that the value of "V-TINT" (V-TNT) becomes 60.

SHARP (SHARP)

1. Press "MENU" button on the remote control unit. Then select "SHARP" (SHARP) display.
2. Press "CH up/down" buttons on the remote control unit and select "SHARP OFF."

Note: There is no need to adjust BRIGHT data value at this moment.

H fo Adjustment

Purpose: To get correct horizontal frequency.

Symptom of Misadjustment: If H fo adjustment is incorrect, skew distortion will appear on the screen.

Test Point	Adjustment Point	Input
J281	CH up/downbutton ["H-ADJ"] MODE	—
Equipment		Spec.
Frequency Counter		15.734 kHz ± 300Hz

Note: J281 — Main CBA
Use remote control unit.

1. Connect Frequency Counter to J281 and ground.
2. Set the unit to the VIDEO mode which is located before CH2 and no input is necessary. Enter the Service mode.
3. Operate the unit for at least 20 minutes.
4. Press "2" button on the remote control unit and select H-ADJ Mode. (Display changes "TV AGC" and "H-ADJ" cyclically when "2" button is pressed).
5. Press "CH up/down" button on the remote control unit so that the display will change "0" ~ "7." At this moment, choose the display from "0" ~ "7" when the Frequency Counter display is closest to 15.734 kHz ± 300Hz.
6. Turn the power off and on again. (Main Power button on the TV unit.)

VCO Adjustment

Purpose: To operate VCO correctly.

Symptom of Misadjustment: VCO does not work correctly and/or synchronization is faulty.

Test Point	Adjustment Point	Input
—	—	No signal
Equipment		Spec.
—		Green display

Note: Use remote control unit.

1. Disconnect the RF input and set the unit to Channel 4.
2. Enter the Service mode.
3. Press "3" button on the remote control unit. The Auto VCO adjustment is started.
4. If the display color is changed from red to green, this adjustment is done.
5. Turn the power off and on again. (Main power button on the TV unit.)

AGC Adjustment

Purpose: Set AGC (Auto Gain Control) Level.

Symptom of Misadjustment: AGC does not synchronize correctly when RF input level is too weak and picture distortion may occur if it is too strong.

Test Point	Adjustment Point	Input
J285	CH up/down buttons	Color Bar 67.25MHz 60dBmV
Equipment		Spec.
<u>Pattern Generator</u> DC Voltmeter		+2.60 ± 1V

Notes: J285 — Main CBA
Use remote control unit.

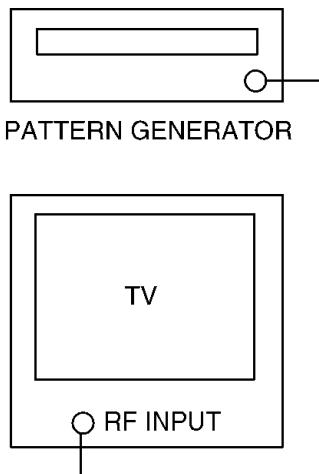


Fig. 2

1. Enter the Service mode. Then press number "2" button on the remote control unit.
2. Receive the Color Bar signal for channel 4 (67.25MHz). (RF Input Level: 60dBmV)
3. Press the "CH up/down" buttons so that the voltage of J285 becomes $+2.6 \pm 0.1V$ DC.
4. Turn the power off and on again. (Main power button on the TV unit.)

Alternate Method

1. Turn to a normally snow-free channel.
2. Press CH up/down buttons until snow appears.
3. Press CH up/down buttons to just eliminate snow.

Black Level Adjustment

Purpose: Set Black Level

Symptom of Misadjustment: If Black level is incorrect, proper brightness cannot be obtained by adjusting the Brightness Control.

Note: J112, J111 (GND) — CRT CBA

1. Enter the Service mode.
2. Press "MENU" button on the remote control unit and select "BRT" mode. (Display changes "BRT," "CNT," "CLR" and "TNT" cyclically when MENU button is pressed).
3. Press "CH up/down" buttons on the remote control unit so that the value of "BRT" becomes 128.
4. Turn the power off and on again. (Main power button on the TV unit.)

C-Trap Adjustment

Purpose: To get minimum leakage of the color signal carrier.

Symptom of Misadjustment: If C- Trap Adjustment is incorrect, stripes will appear on the screen.

Test Point	Adjustment Point	Input
<u>J112 (Blue)</u>	CH up/down buttons	Color Bar
J111 (GND)		
Equipment	Spec.	—
Oscilloscope		

Note: J112, 111 — CRT CBA

Use remote control unit.

1. Connect Oscilloscope to J112 and J111 (GND).
2. Enter the Service mode. Receive color bar signal from RF Input.
3. Press "0" button on the remote control unit and select C-TRP Mode.
4. Press "CH up/down" buttons on the remote control unit so that the display will change "0," "1," "2" and "3." Choose display "0," "1," "2" or "3" when B-Out (3.58MHz) value becomes minimum on the oscilloscope reading.
5. Turn the power off and on again. (Main power button on the TV unit.)

V. Size Adjustment

Purpose: To obtain correct vertical height of screen image.

Symptom of Misadjustment: If V. Size is incorrect, vertical size of image on the screen may not be properly displayed.

Test Point	Adjustment Point	Input
—	Screen Control CH up/down buttons [V-S] Mode	Monoscope
Equipment	Spec.	
Pattern Generator	90 ± 5%	

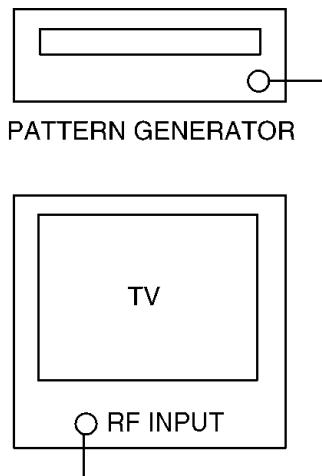


Fig. 2

Note: Use remote control unit.

1. Operate the unit for at least 20 minutes.
2. Enter the Service mode.
3. Receive the Monoscope Pattern.
4. Press "9" button on the remote control unit and select "V-S" mode. (Display changes "V-S" and "V-P" cyclically when "9" button is pressed).
5. Press "CH up/down" buttons on the remote control unit so that the monoscope pattern becomes $90 \pm 5\%$ of display size and the circle is round.
6. Turn the power off and on again. (Main power button on the TV unit.)

V. Position Adjustment

Purpose: To obtain correct vertical height of screen image.

Symptom of Misadjustment: If V. Position is incorrect, vertical height of image on the screen may not be properly displayed.

Test Point	Adjustment Point	Input
—	Screen Control CH up/down buttons [V-P] Mode	Monoscope
Equipment		Spec.
Monoscope		90 ± 5%

Note: Use remote control unit

1. Operate the unit for at least 20 minutes.
2. Enter the Service Mode.
3. Receive the Monoscope Pattern.
4. Press "9" button on the remote control unit and select "V-P" mode. (Display changes "V-S" and "V-P" cyclically when "9" button is pressed).
5. Press "CH up/down" buttons on the remote control unit so that the top and bottom of the monoscope pattern become equal to each other.
6. Turn the power off and on again. (Main power button on the TV unit.)

H. Position Adjustment

Purpose: To obtain correct horizontal position of screen image.

Symptom of Misadjustment: If H. Position is incorrect, horizontal position of image on the screen may not be properly displayed.

Test Point	Adjustment Point	Input
—	Screen Control CH up/down buttons [H-P] Mode	Monoscope
Equipment	Spec.	
Pattern Generator	90 ± 5%	

Note: Use remote control unit

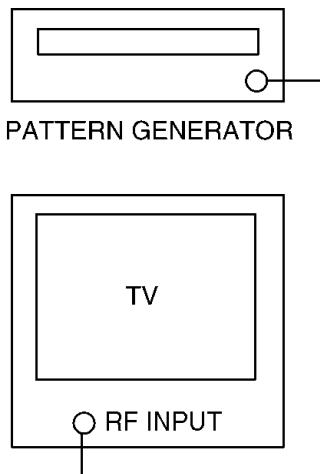


Fig. 2

1. Operate the unit for at least 20 minutes.
2. Enter the Service mode.
3. Receive the Monoscope Pattern.
4. Press "8" button on the remote control unit and select "H-P" mode.
5. Press "CH up/down" buttons on the remote control unit so that the monoscope pattern becomes $90 \pm 5\%$ of display size and the circle is round.
6. Turn the power off and on again. (Main power button on the TV unit.)

Cut-off Adjustment

Test Point	Adjustment Point	Input
—	Screen-Control CH up/down buttons	Black Raster
Equipment		Spec.
Pattern Generator		See Reference Notes below.

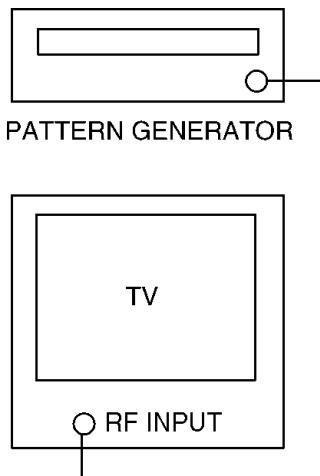


Fig. 2

Note: Screen Control FBT — Main CBA

F.B.T= Flyback Transformer

Use remote control unit

1. Degauss the CRT and allow CRT to operate for 20 minutes before starting the alignment.
2. Input the Black Raster Signal from ANT Input.
3. Enter the Service mode.
4. Press "VOL up" button on the remote control unit and select "C/D" mode. (Display changes "OSD D/A," "C/D," "V-TINT," "VCO," "9V" and "STEREO" cyclically when "VOL up" button is pressed.) Then press "1." The display will momentarily show "CUT OFF R" (R= Red). Now there should be a horizontal line across the center of the picture tube. If needed, gradually turn the screen control on the flyback clockwise until the horizontal line appears. Adjust the Red Cut off by pressing the "CH up/down" buttons. Proceed to Step 5 when the Red Cut off adjustment is done.
5. Press the "2" button. The display will momentarily show "CUT OFF G" (G=Green). Adjust the Green Cut off by pressing the "CH up/down" buttons. Proceed to step 6 when the Green Cut off adjustment is done.
6. Press the "3" button. The display will momentarily show "CUT OFF B" (B=Blue). Adjust the Blue cut off by pressing the "CH up/down" buttons. When done with steps 4, 5 and 6 the horizontal line should be pure white. If not, then attempt the Cut off adjustment again.

White Balance Adjustment

Purpose: To mix red, green and blue beams correctly for pure white.

Symptom of Misadjustment: White becomes bluish or reddish.

Test Point	Adjustment Point	Input
Screen	CH up/down buttons	White Raster (APL 100%)
Equipment	Spec.	
Pattern Generator Color analyzer		See below

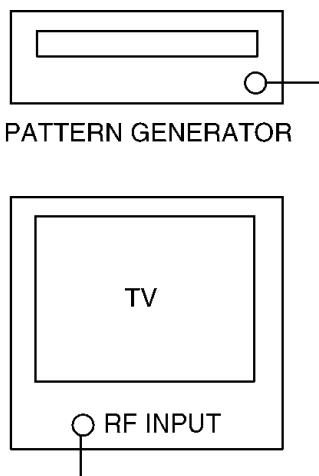


Fig. 2

Note: Use remote control unit

1. Operate the unit more than 20 minutes.
2. Face the unit east. Degauss the CRT using a degaussing coil.
3. Input the White Raster (APL 100%).
4. Set the color analyzer to the CHROMA mode and after zero point calibration, bring the optical receptor to the center on the tube surface (CRT).
5. Enter the Service mode. Press "VOL up" button on the remote control unit and select "C/D" mode. (Display changes "OSD D/A," "C/D," "V-TINT," "VCO," "9V" and "STEREO" cyclically when "VOL up" button is pressed.) Then press no. 8 button on the remote control unit.
6. Press no. 4 button on the remote control unit for Red adjustment. Press no. 5 button on the remote control unit for Blue adjustment.
7. In each color mode, press "CH up/down" button to adjust the values of color.
8. Adjust Red and Blue color so that the temperature becomes 9200°K ($x : 286$ / $y : 294$) 3%.
9. At this time, re-check that horizontal line is white. If not, re-adjust Cut-off Adjustment until the horizontal line becomes pure white.
10. Turn off and on again to return to normal mode. Receive APL 100% white signal and confirm that chroma temperatures become 9200°K ($x : 286$ / $y : 294$) 3%.

Note: Confirm that Cut Off Adj. is correct after this adjustment, and attempt Cut Off Adj. if needed.

Sub-Brightness Adjustment

Purpose: To get proper brightness.

Symptom of Misadjustment: If Sub-Brightness is incorrect, proper brightness cannot be obtained by adjusting the Brightness Control.

Test Point	Adjustment Point	Input
—	CH up/down buttons	IQW
Equipment	Spec.	
Pattern Generator	See below	

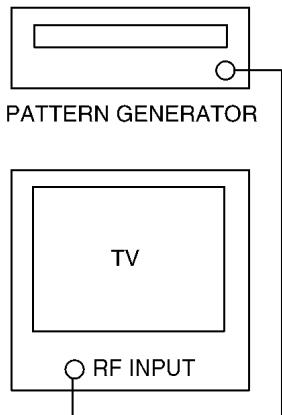
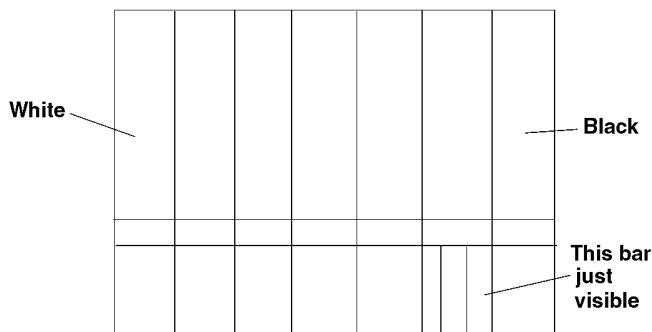


Fig. 2

Note: IQW Setup level — 7.5 IRE

Use remote control unit



1. Enter the Service mode.

Then input IQW signal from RF Input.

2. Press "MENU" button on the remote control unit and select "BRT" mode. (Display changes "BRT," "CNT," "CLR" and "TNT" cyclically when "MENU" button is pressed). Press "CH up/down" buttons so that the bar is just visible (See above [figure](#)).
3. Turn the power off and on again. (Main power button on the TV unit.)

Focus Adjustment

Purpose: Set the optimum Focus.

Symptom of Misadjustment: If Focus Adjustment is incorrect, blurred images are shown on the display.

Test Point	Adjustment Point	Input
—	Focus Control	Monoscope
	Equipment	Spec.
	Pattern Generator	See below.

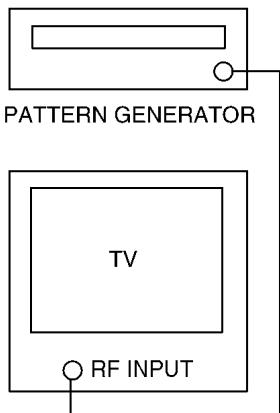


Fig. 2

Note: Focus VR (FBT) — Main CBA FBT= Flyback Transformer

1. Operate the unit more than 30 minutes
2. Face the unit to the East and degauss the CRT using a Degaussing Coil.
3. Input the Monoscope Pattern.
4. Adjust the Focus Control on the FBT to obtain a clear picture.

The following 2 adjustments normally are not attempted in the field. They should be done only when replacing the CRT, then adjust as a preparation.

Purity Adjustment

Purpose: To obtain pure color.

Symptom of Misadjustment: If Color Purity Adjustment is incorrect, large areas of color may not be properly displayed.

Test Point	Adjustment Point	Input
—	<u>Deflection Yoke</u> <u>Purity Magnet</u>	Red Color
Equipment	Spec.	
<u>Pattern Generator</u>	See below.	

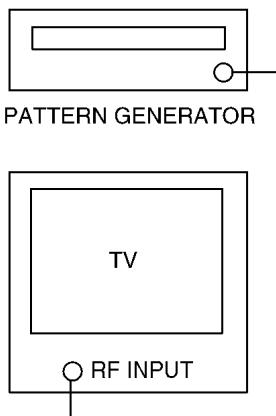
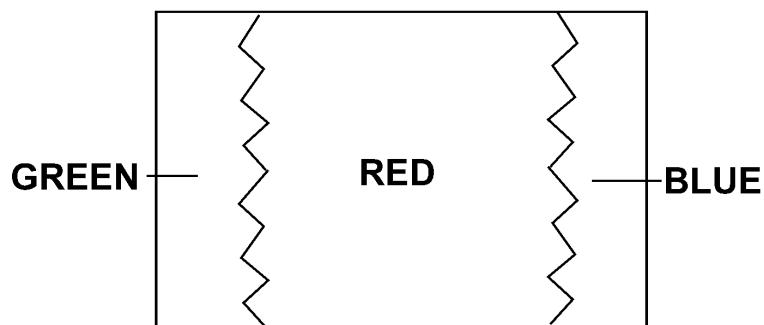


Fig. 2

1. Set the unit facing east.
2. Operate the unit for over 30 minutes before adjusting.
3. Fully degauss the unit using an external degaussing coil.
4. Loosen the screw on the Deflection Yoke Clamper and pull the Deflection Yoke back away from the screen. (See [Fig. 5](#))
5. Loosen the Ring Lock and adjust the Purity Magnets so that a red field is obtained at the center of the screen. Tighten Ring Lock. (See [Fig. 4, 5](#))
6. Slowly push the Deflection Yoke toward bell of CRT and set it where a uniform red field is obtained.
7. Tighten the clamp screw on the Deflection Yoke.



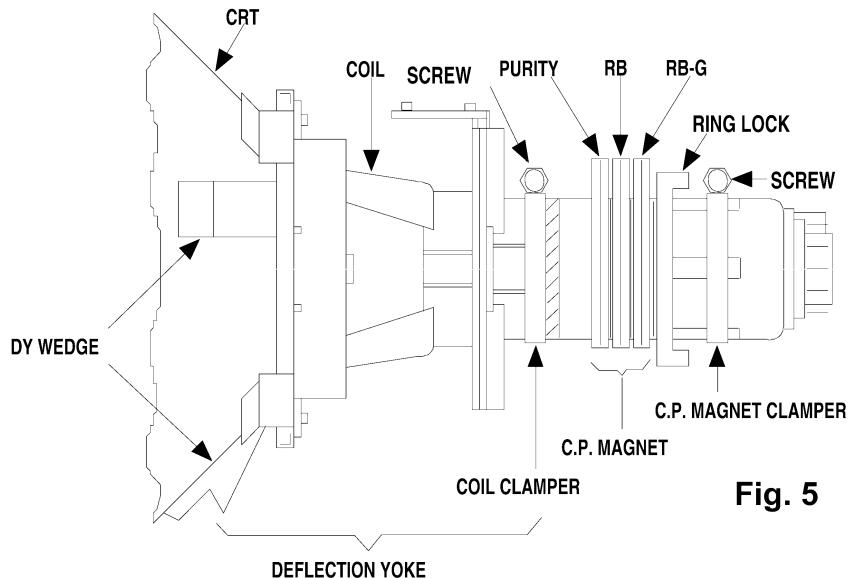


Fig. 5

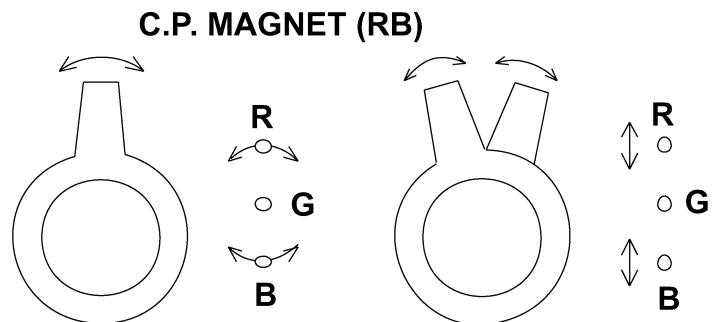


Fig. 6

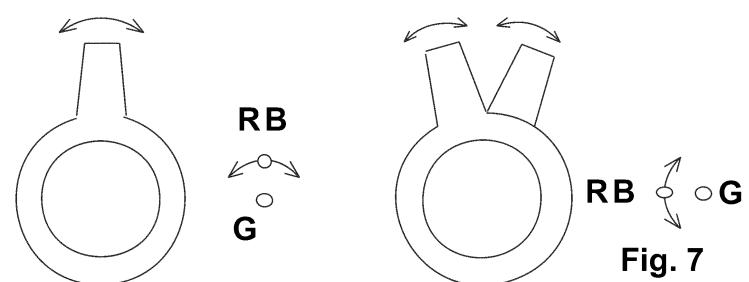


Fig. 7

Convergence Adjustment

Purpose: To obtain proper convergence of red, green and blue beams.

Symptom of Misadjustment: If Convergence Adjustment is incorrect, the edge of white letters may have color edges.

Test Point	Adjustment Point	Input
—	<u>C.P. Magnet (RB),</u> <u>C.P. Magnet (RB-G),</u> <u>Deflection Yoke</u>	Dot Pattern or Crosshatch
Equipment	Spec.	
<u>Pattern Generator</u>	See below.	

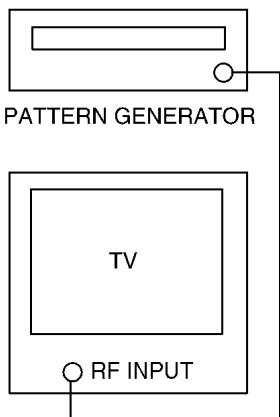


Fig. 2

1. Loosen the Ring Lock and align red with blue dots or Crosshatch at the center of the screen by rotating (RB) C.P. Magnets. (See [Fig. 6](#))
2. Align red / blue with green dots at the center of the screen by rotating (RB-G) C.P. Magnet. (See [Fig. 7](#))
3. Fix the C.P. Magnets by tightening the Ring Lock.
4. Remove the DY Wedges and slightly tilt the Deflection Yoke horizontally and vertically to obtain the best overall convergence.
5. Fix the Deflection Yoke by carefully inserting the DY Wedges between CRT and Deflection Yoke.

BLOCK DIAGRAMS

IF/Video/System Control Block Diagram

* = SMD

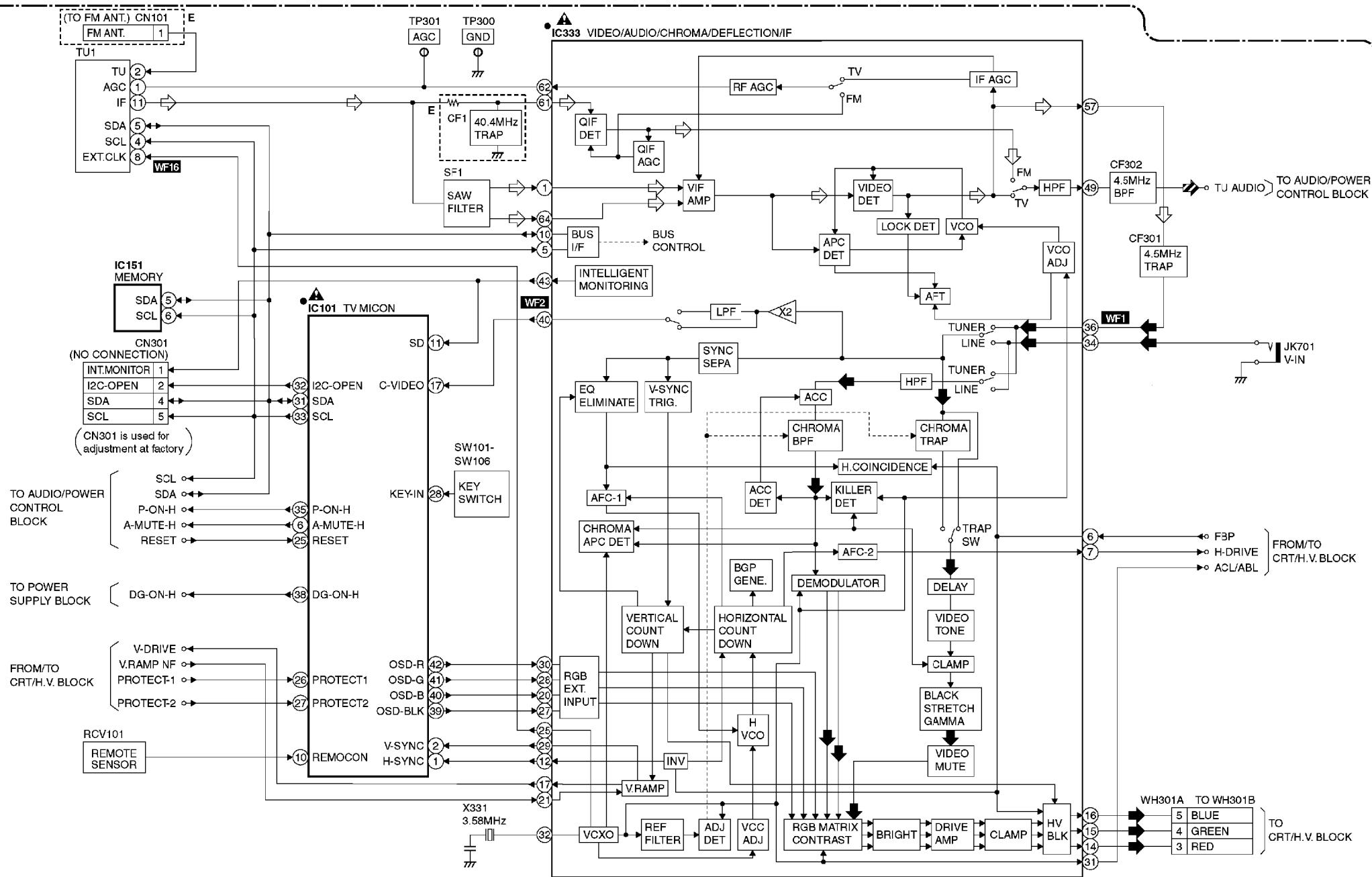
RF/IF SIGNAL VIDEO SIGNAL AUDIO SIGNAL

NOTE FOR WIRE CONNECTORS:

- PREFIX SYMBOL "CN" MEANS CONNECTOR. (CAN DISCONNECT AND RECONNECT.)
- PREFIX SYMBOL "CL" MEANS WIRE SOLDER HOLES OF THE PCB. (WIRE IS SOLDERED DIRECTLY.)

TEST POINT INFORMATION

- : INDICATES A TEST POINT WITH A JUMPER WIRE ACROSS A HOLE IN THE PCB.
- : USED TO INDICATE A TEST POINT WITH A COMPONENT LEAD ON FOIL SIDE.
- : USED TO INDICATE A TEST POINT WITH NO TEST PIN.
- : USED TO INDICATE A TEST POINT WITH A TEST PIN.



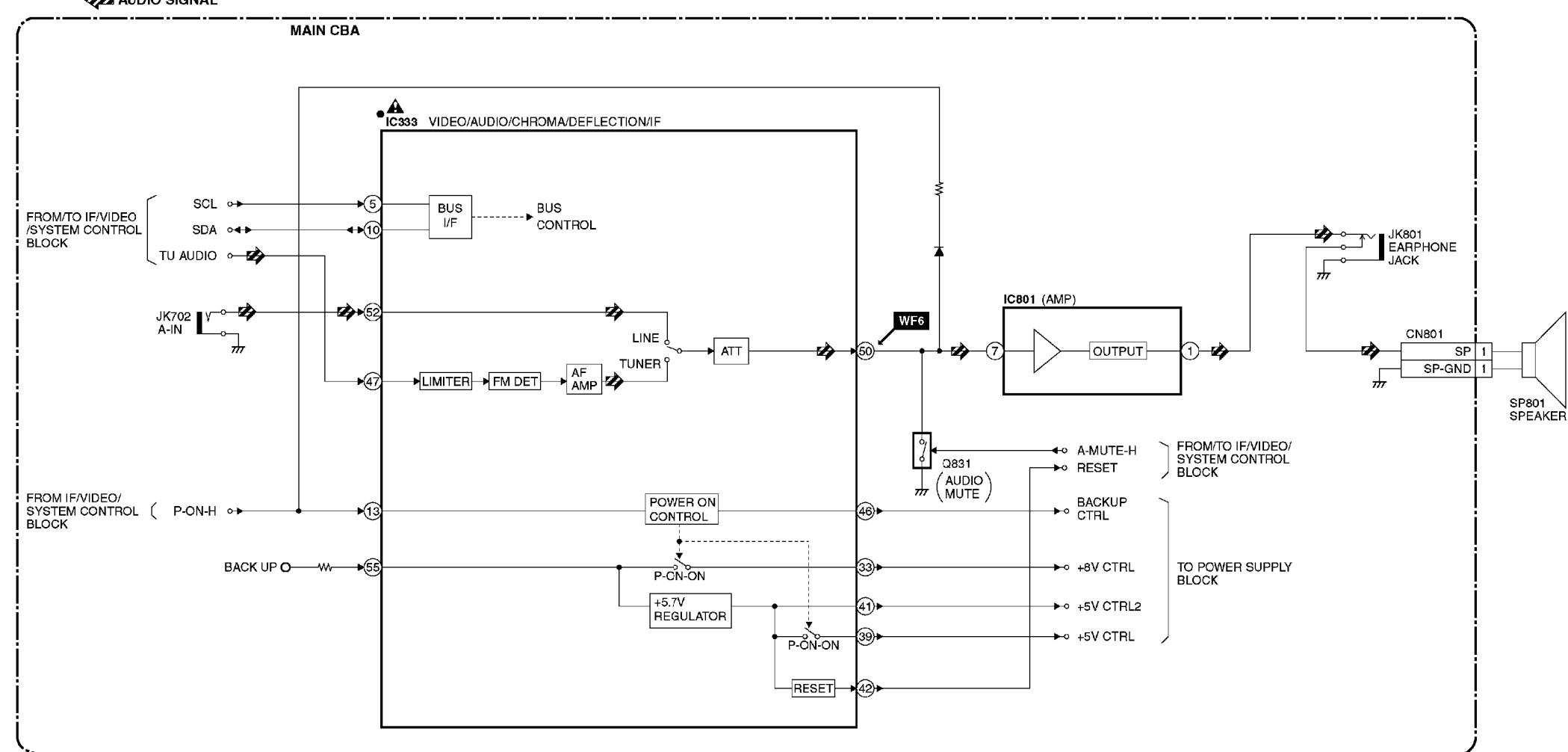
Audio/Power Control Block Diagram

"●" = SMD

NOTE FOR WIRE CONNECTORS:
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HOLES OF THE PCB.
(WIRE IS SOLDERED DIRECTLY.)

TEST POINT INFORMATION

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- ③ :USED TO INDICATE A TEST POINT WITH NO TEST PIN.
- ④ :USED TO INDICATE A TEST POINT WITH A TEST PIN.

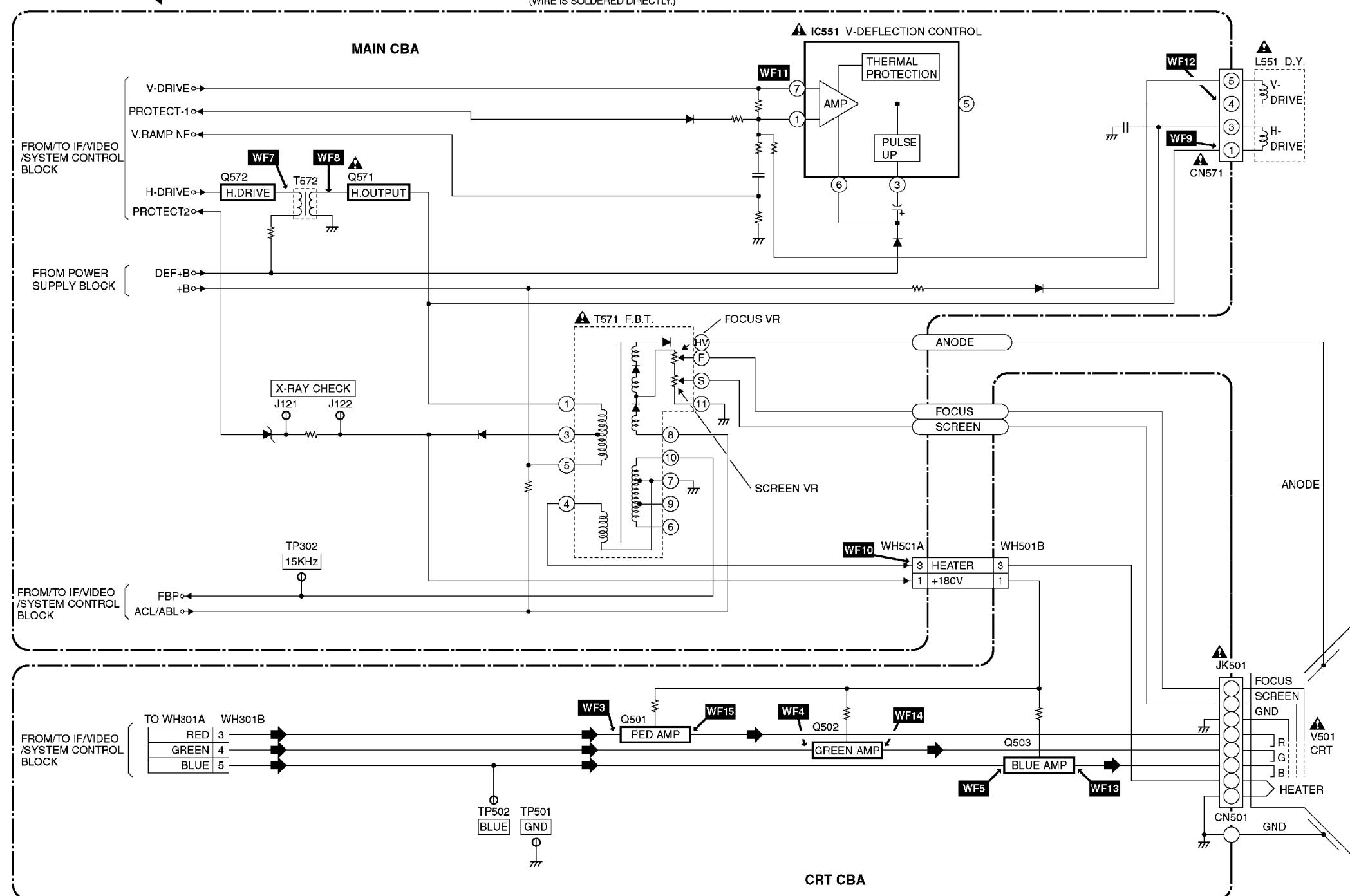


CRT/H.V. Block Diagram

VIDEO SIGNAL

NOTE FOR WIRE CONNECTORS:
 1. PREFIX SYMBOL "CN" MEANS CONNECTOR.
 (CAN DISCONNECT AND RECONNECT.)
 2. PREFIX SYMBOL "WF" MEANS WIRE-SOLDER
 HOLES OF THE PCB.
 (WIRE IS SOLDERED DIRECTLY.)

TEST POINT INFORMATION
 □ : INDICATES A TEST POINT WITH A JUMPER WIRE ACROSS A HOLE IN THE PCB.
 ▶ : USED TO INDICATE A TEST POINT WITH A COMPONENT LEAD ON FOIL SIDE.
 ◻ : USED TO INDICATE A TEST POINT WITH NO TEST PIN.
 ● : USED TO INDICATE A TEST POINT WITH A TEST PIN.



Power Supply Block Diagram

CAUTION !

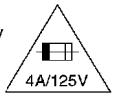
Fixed voltage power supply circuit is used in this unit.

If Main Fuse (F601) is blown, check to see that all components in the power supply circuit are not defective before you connect the AC plug to the AC power supply.

Otherwise it may cause some components in the power supply circuit to fail.

NOTE :

The voltage for parts in hot circuit is measured using hot GND as a common terminal.



CAUTION

FOR CONTINUED PROTECTION AGAINST FIRE HAZARD,
REPLACE ONLY WITH THE SAME TYPE FUSE.

ATTENTION : POUR UNE PROTECTION CONTINUE LES RISQUES
D'INCELE N'UTILISER QUE DES FUSIBLE DE MEMO TYPE.

RISK OF FIRE-REPLACE FUSE AS MARKED.

— This symbol means fast operating fuse.
— Ce symbole représente un fusible à fusion rapide.

NOTE FOR WIRE CONNECTORS:

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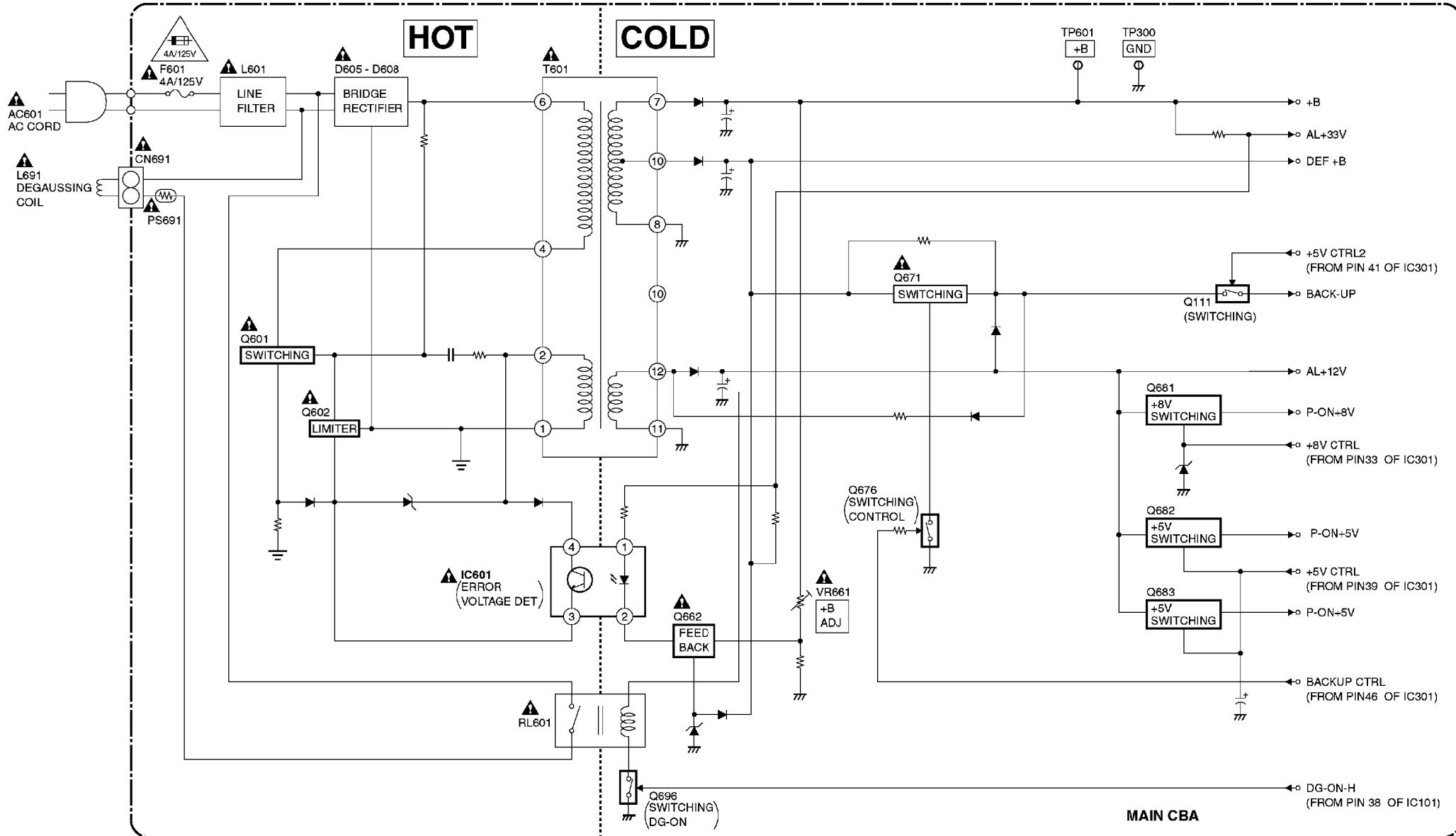
TEST POINT INFORMATION

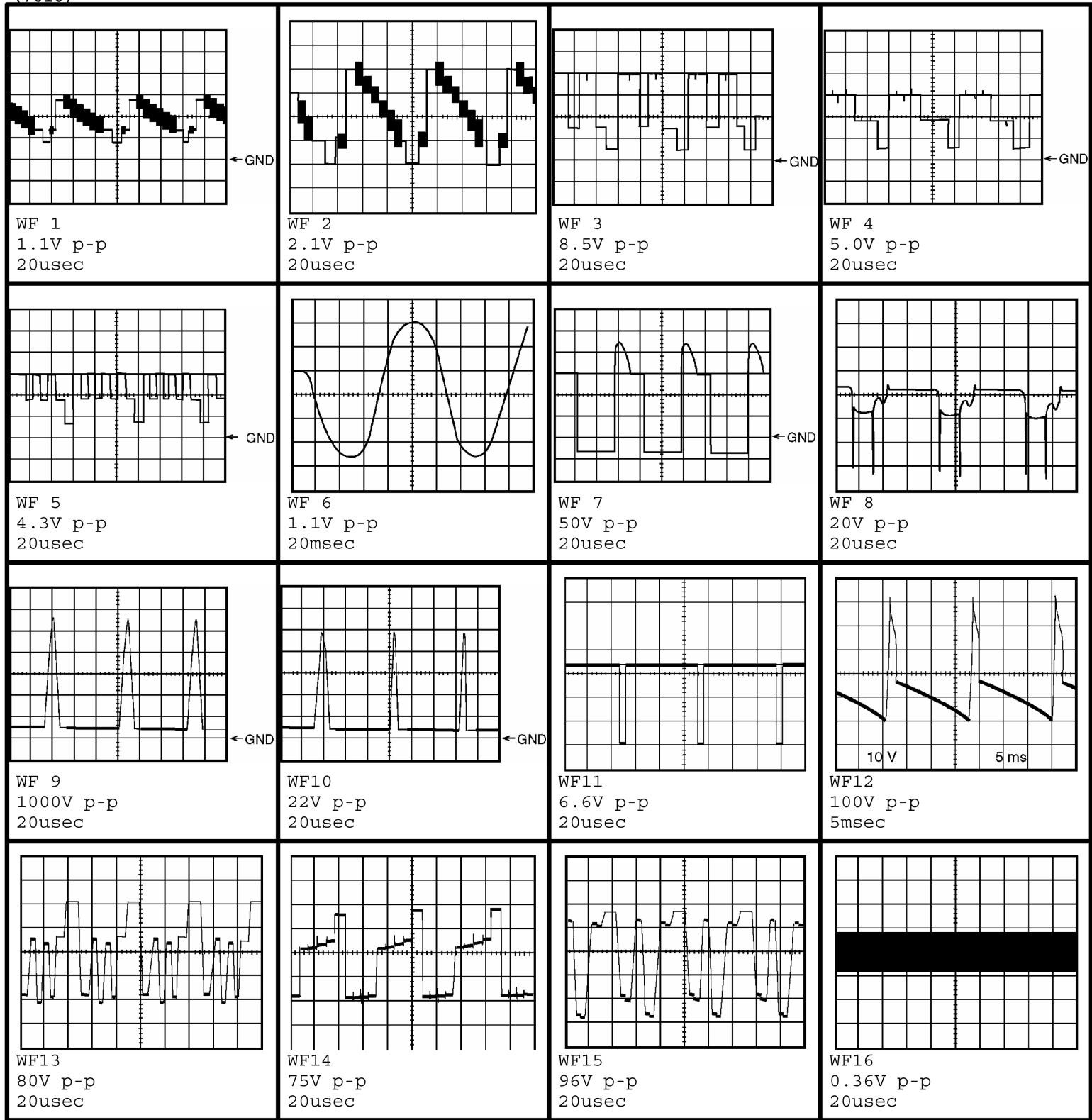
□ : INDICATES A TEST POINT WITH A JUMPER WIRE ACROSS A HOLE IN THE PCB.

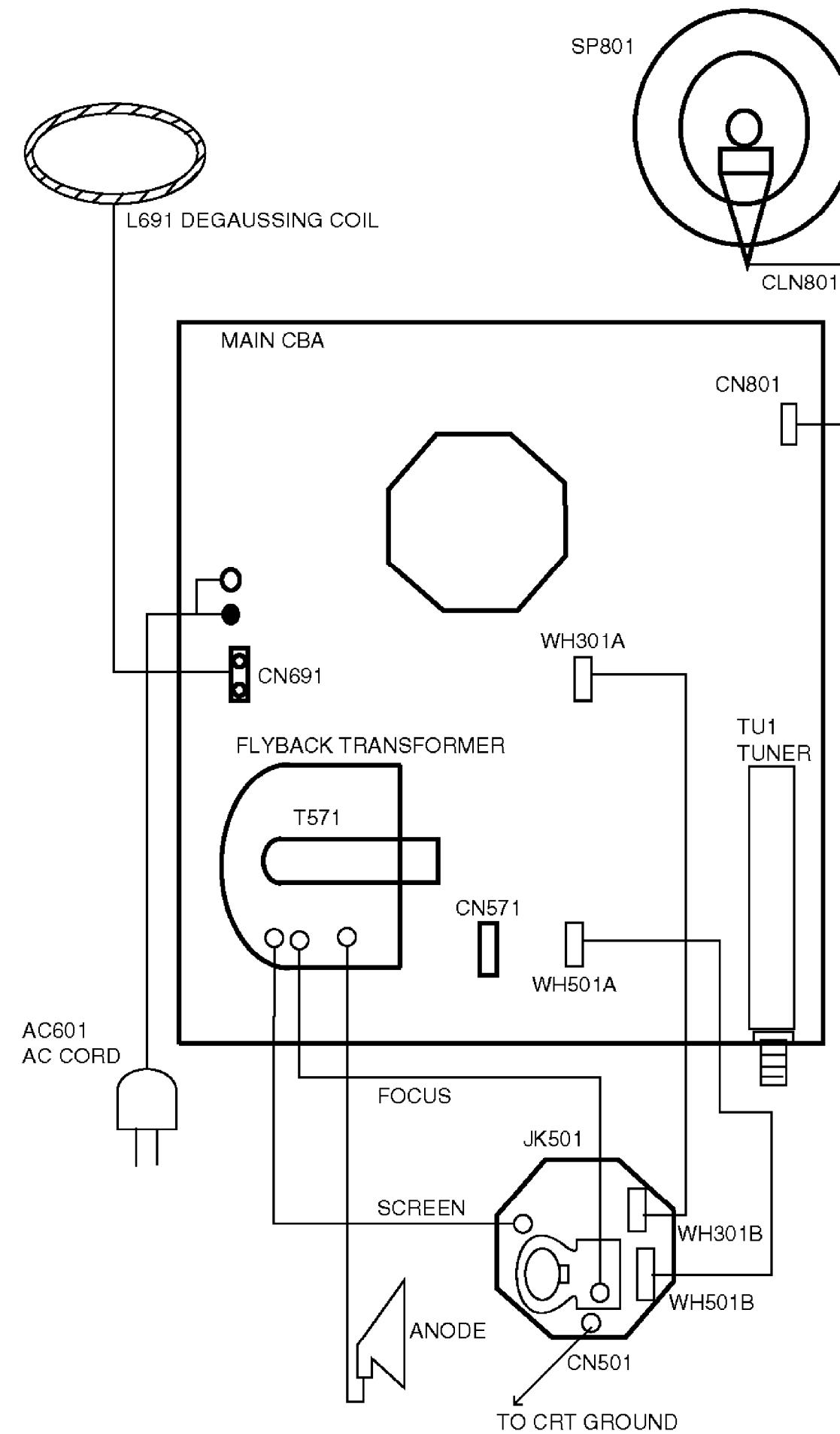
□ : USED TO INDICATE A TEST POINT WITH A COMPONENT LEAD ON FOIL SIDE.

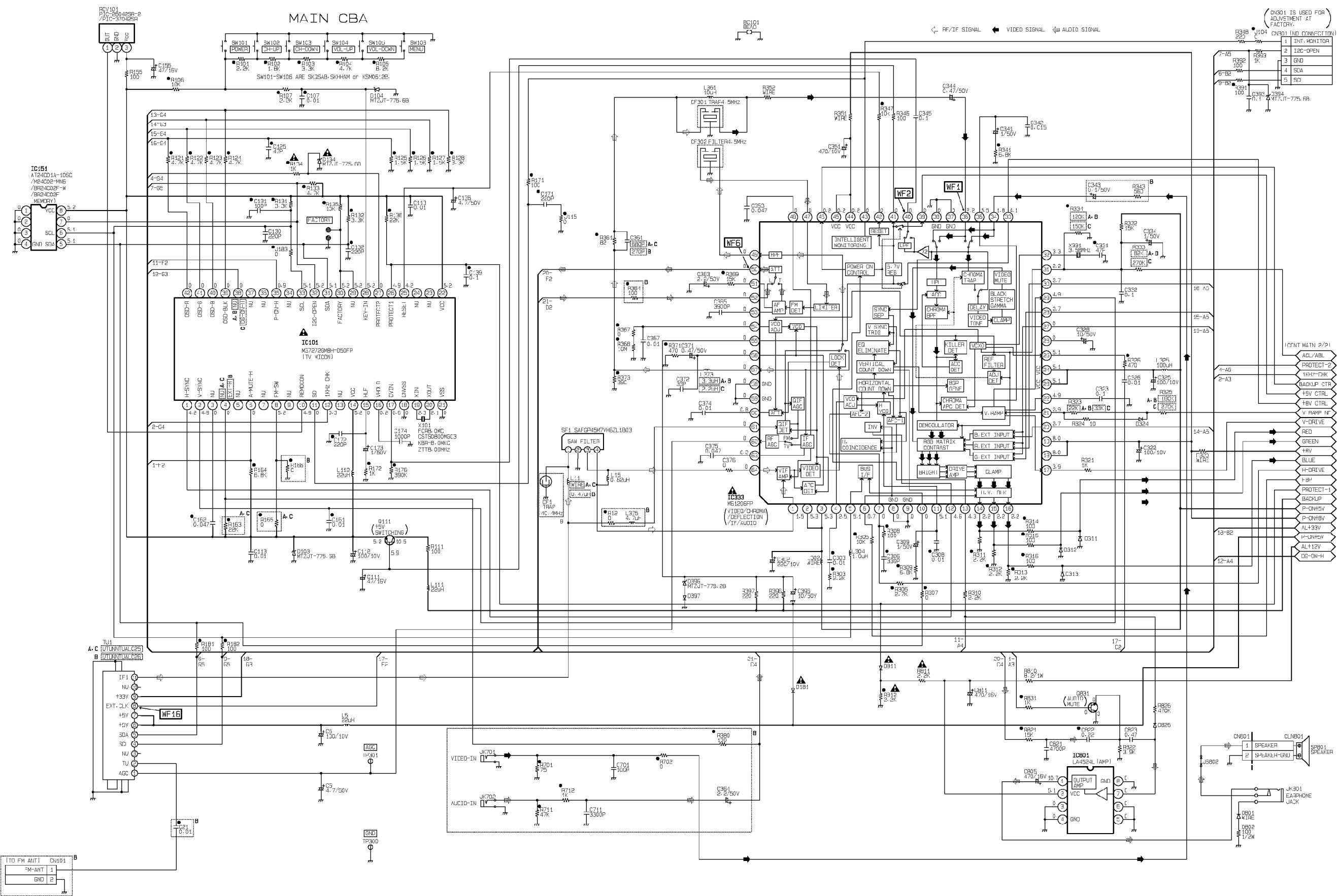
∅ : USED TO INDICATE A TEST POINT WITH NO TEST PIN.

● : USED TO INDICATE A TEST POINT WITH A TEST PIN.



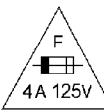






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**CAUTION**

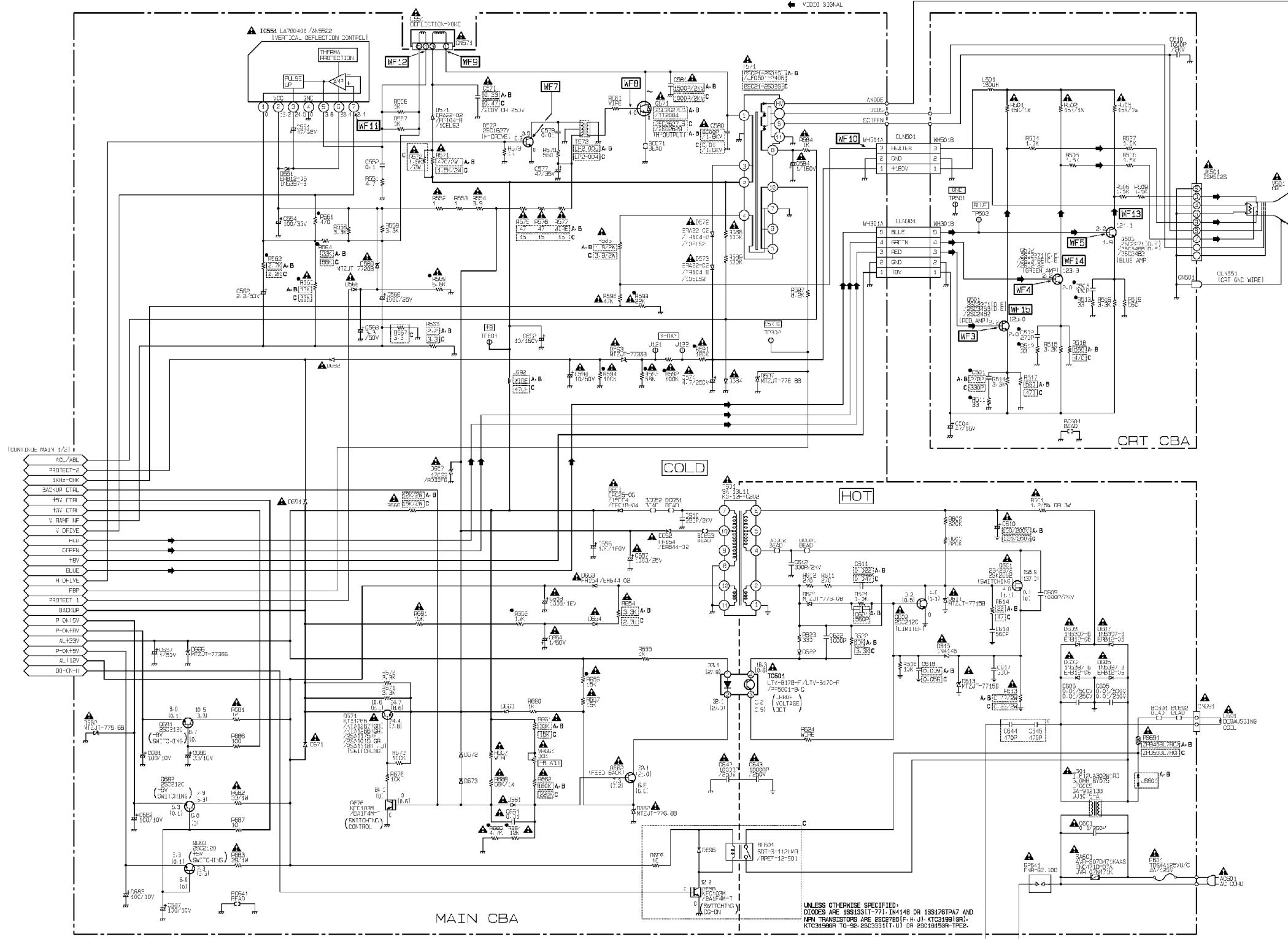
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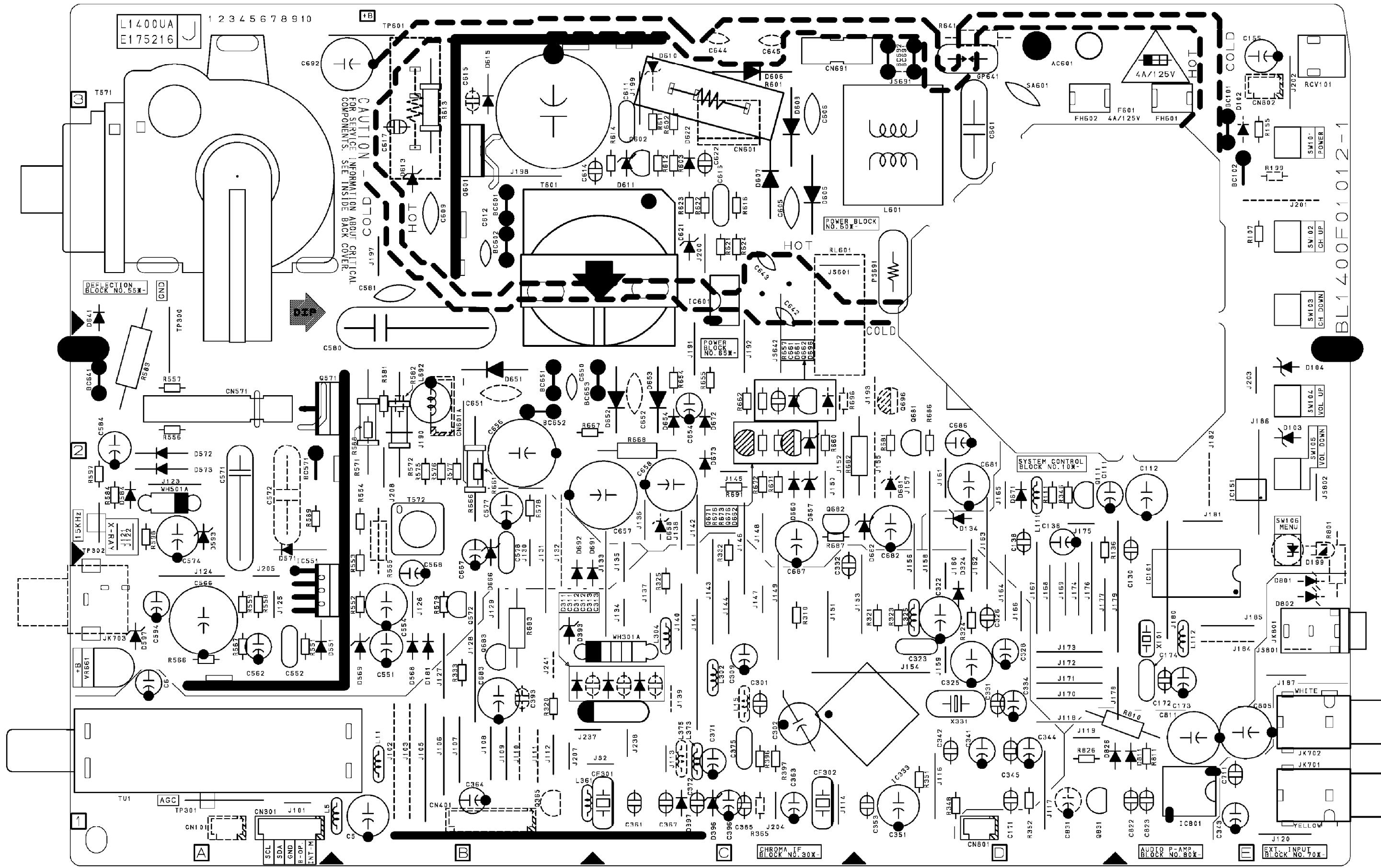
"This symbol means fast operating fuse."
 "Ce symbole représente un fusible à fusion rapide."

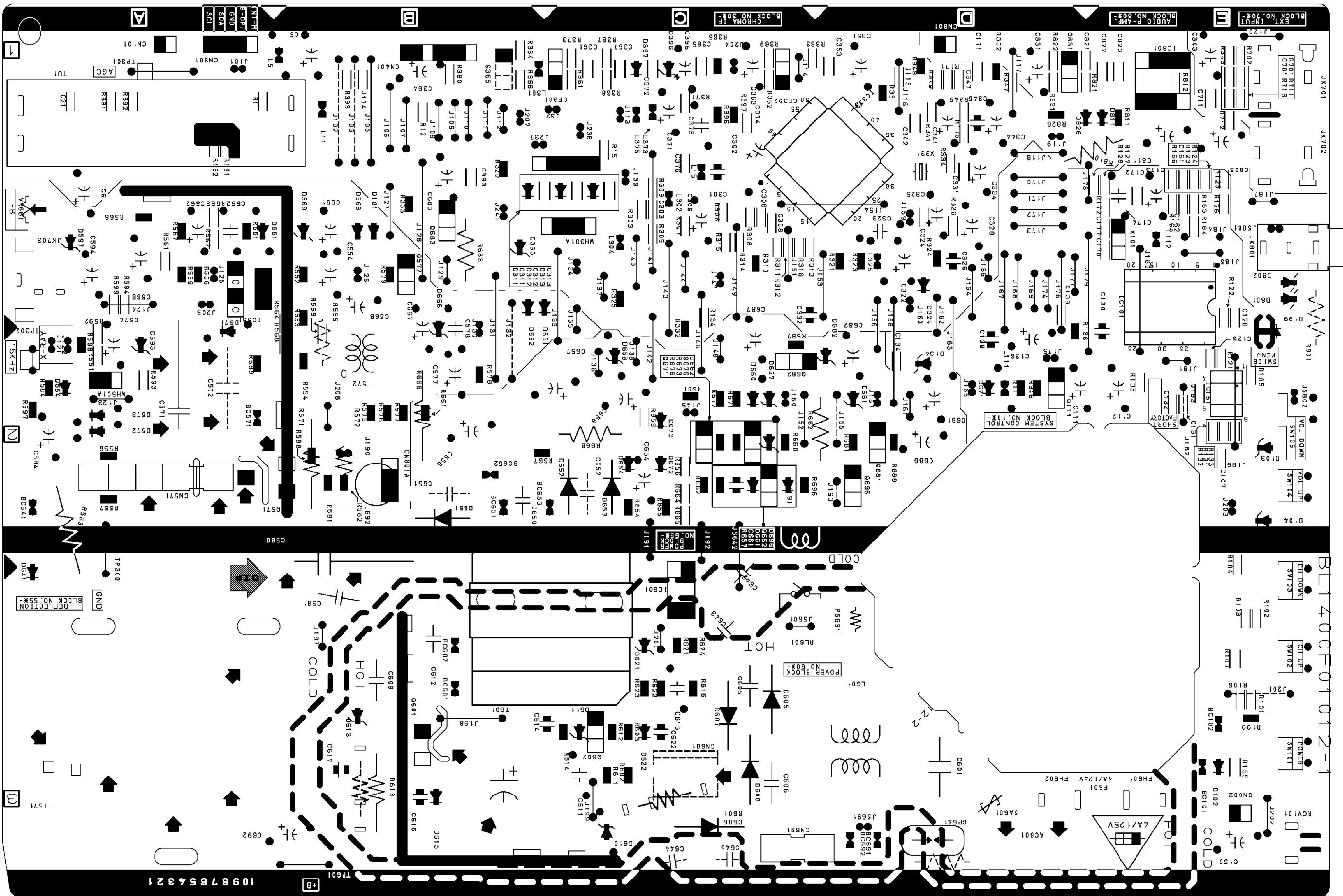
BECAUSE A HOT CHASSIS GROUND IS PRESENT IN THE POWER SUPPLY CIRCUIT, AN ISOLATION TRANSFORMER MUST BE USED. ALSO, IN ORDER TO HAVE THE ABILITY TO INCREASE THE INPUT SLOWLY, WHEN TROUBLESHOOTING THIS TYPE POWER SUPPLY CIRCUIT, A VARIABLE ISOLATION TRANSFORMER IS REQUIRED.

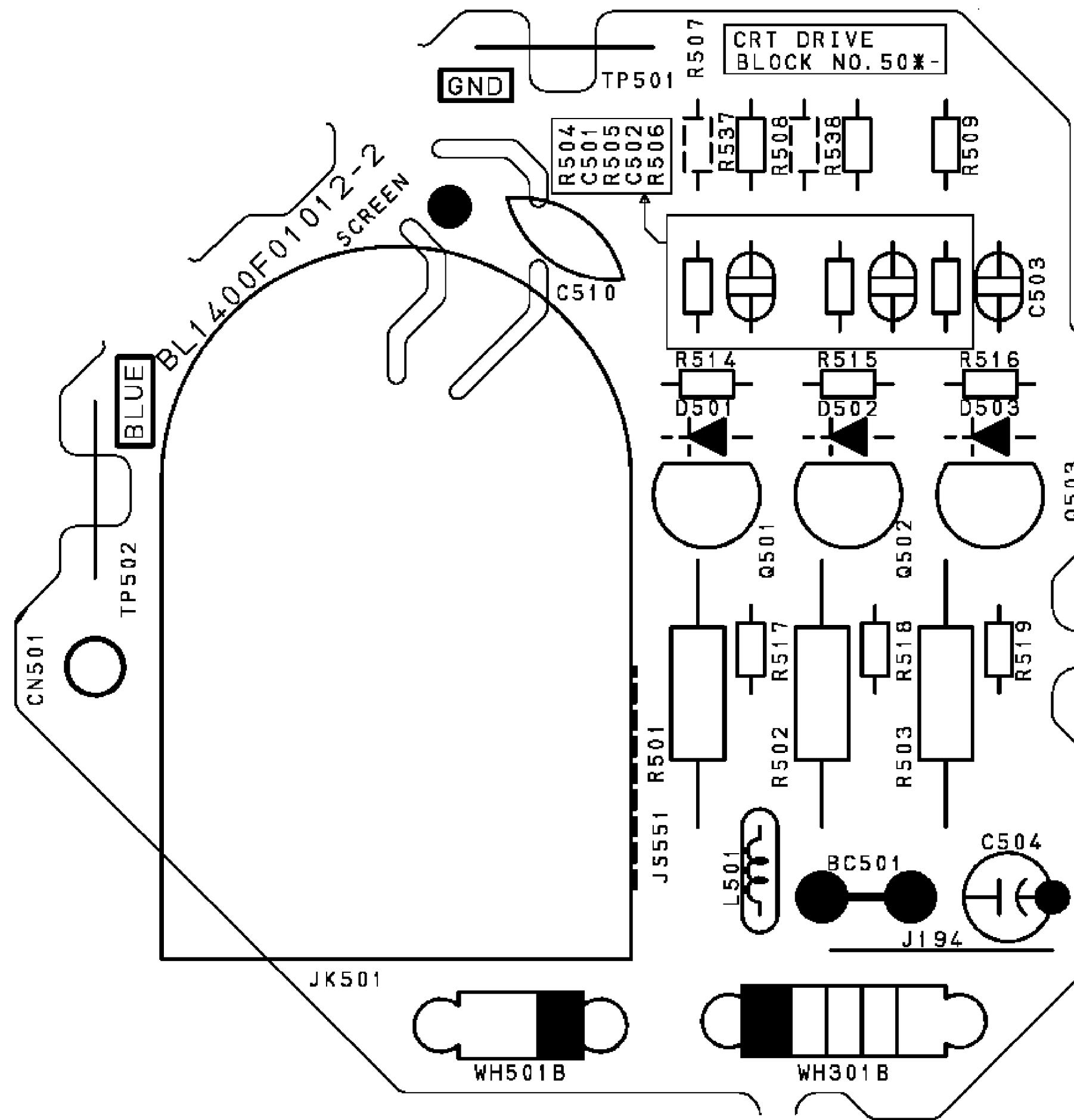
NOTE :

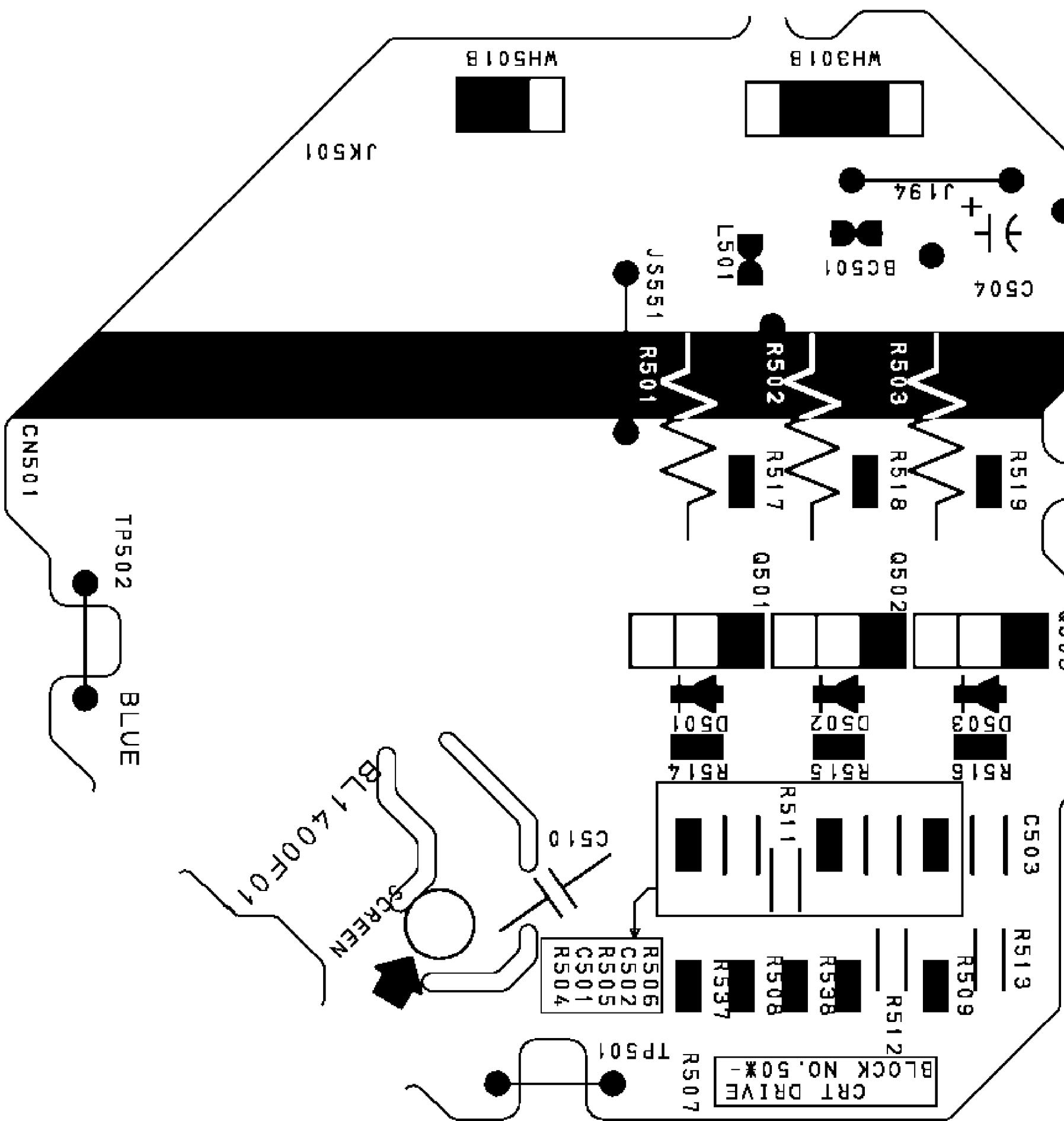
The voltage for parts in hot circuit is measured using hot GND as a common terminal.









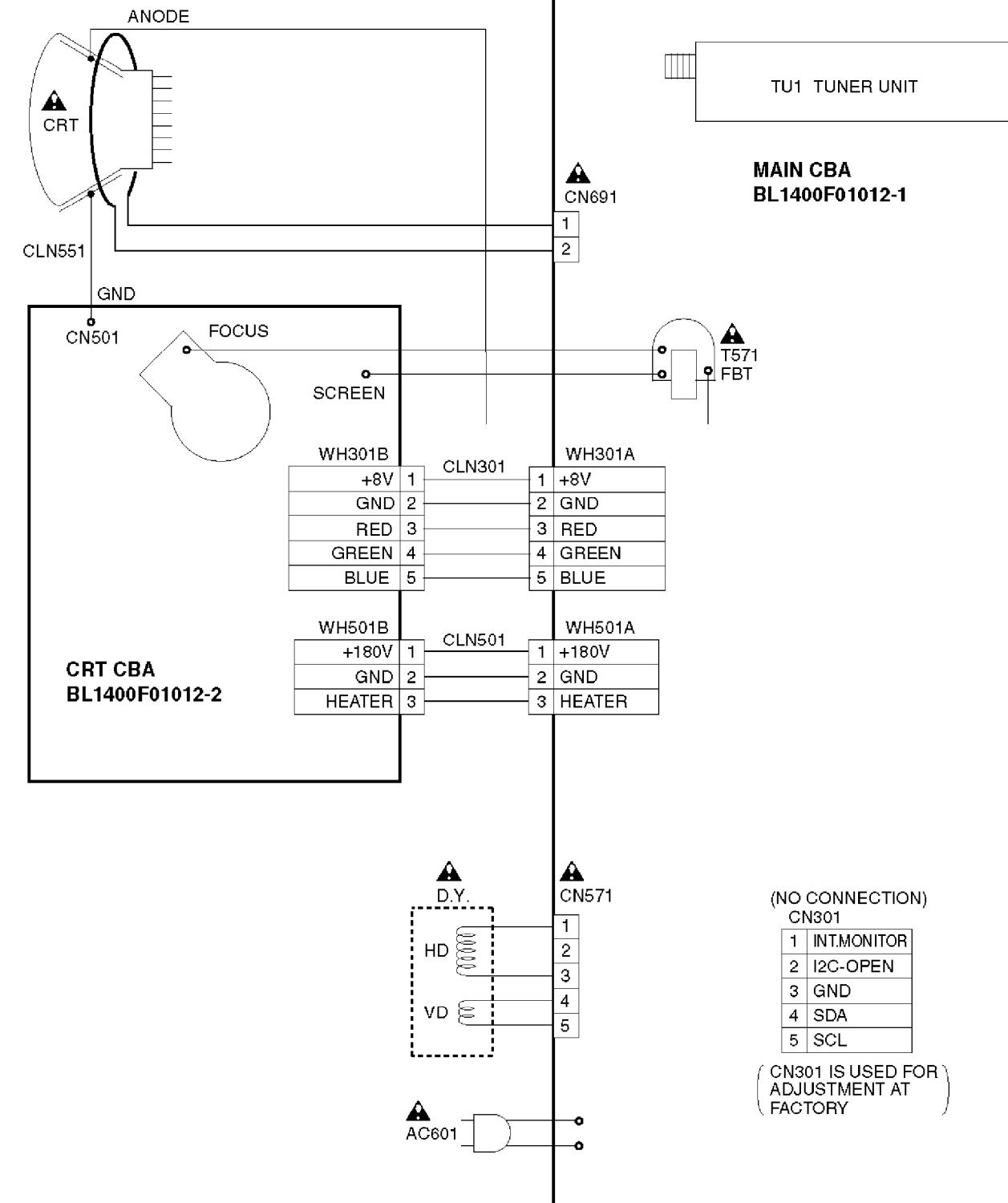


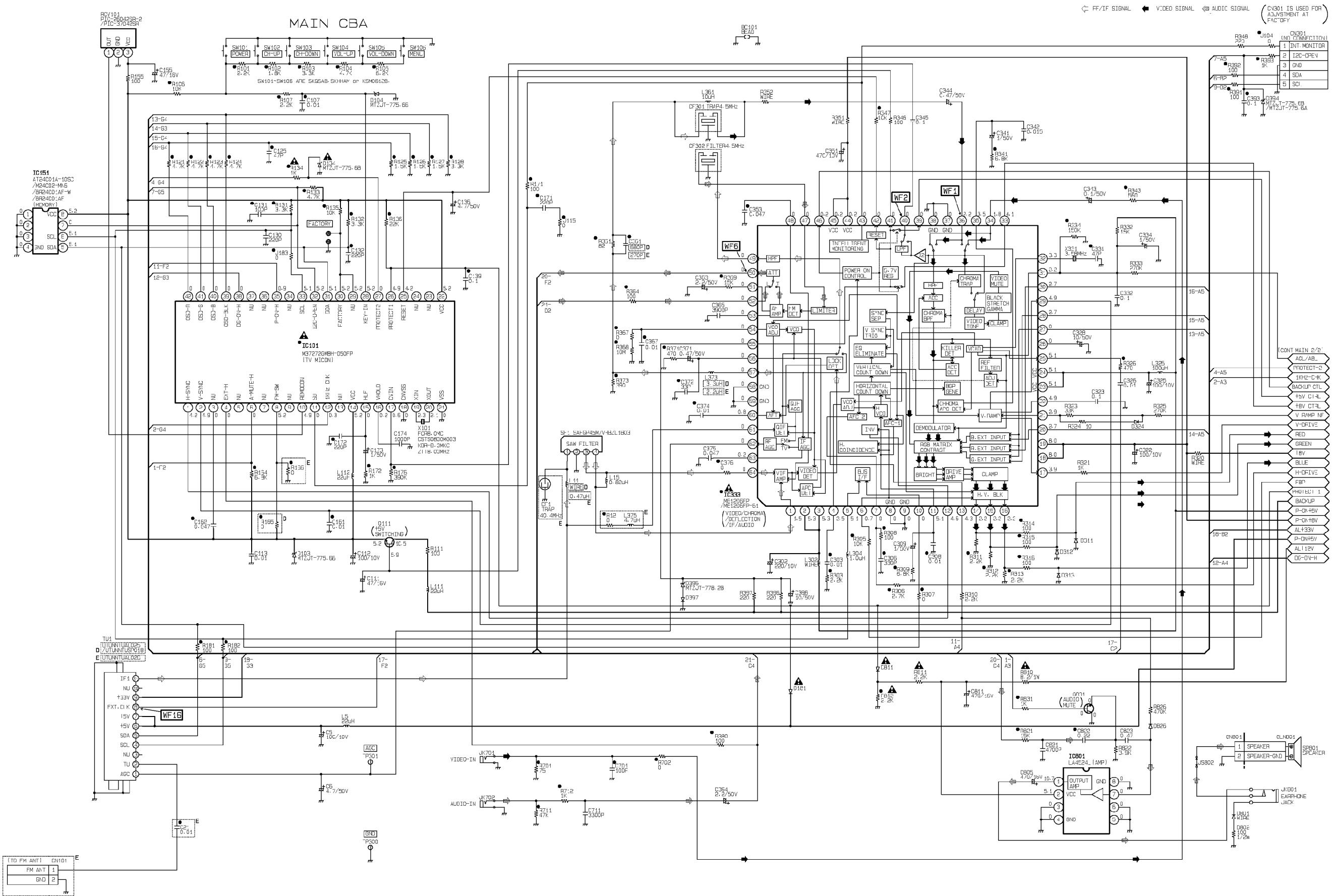
Comparison Chart of Models & Marks

Model	Mark
19PR09C	D
MT1931B	E

NOTE FOR WIRE CONNECTORS:

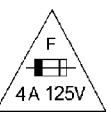
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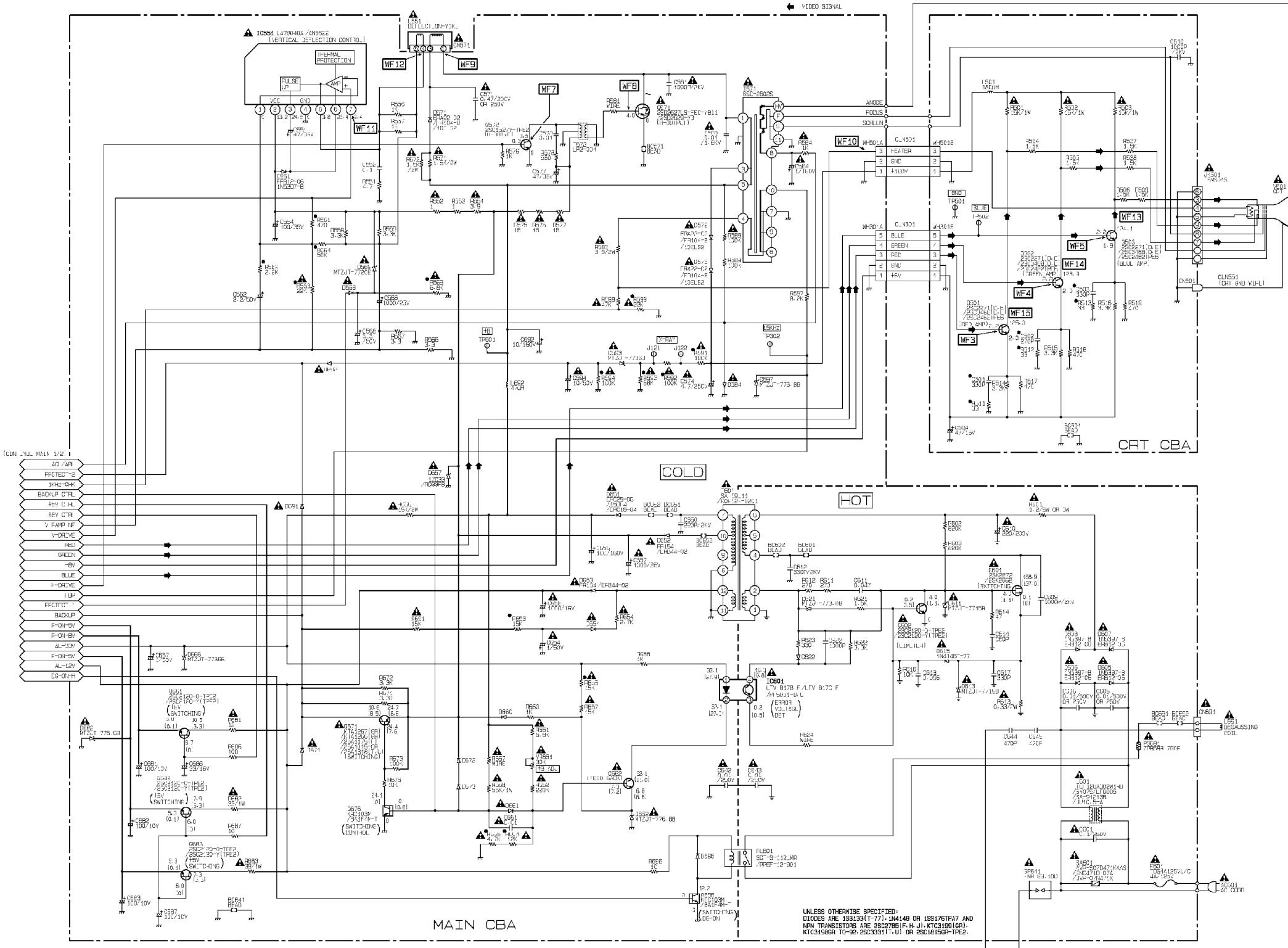
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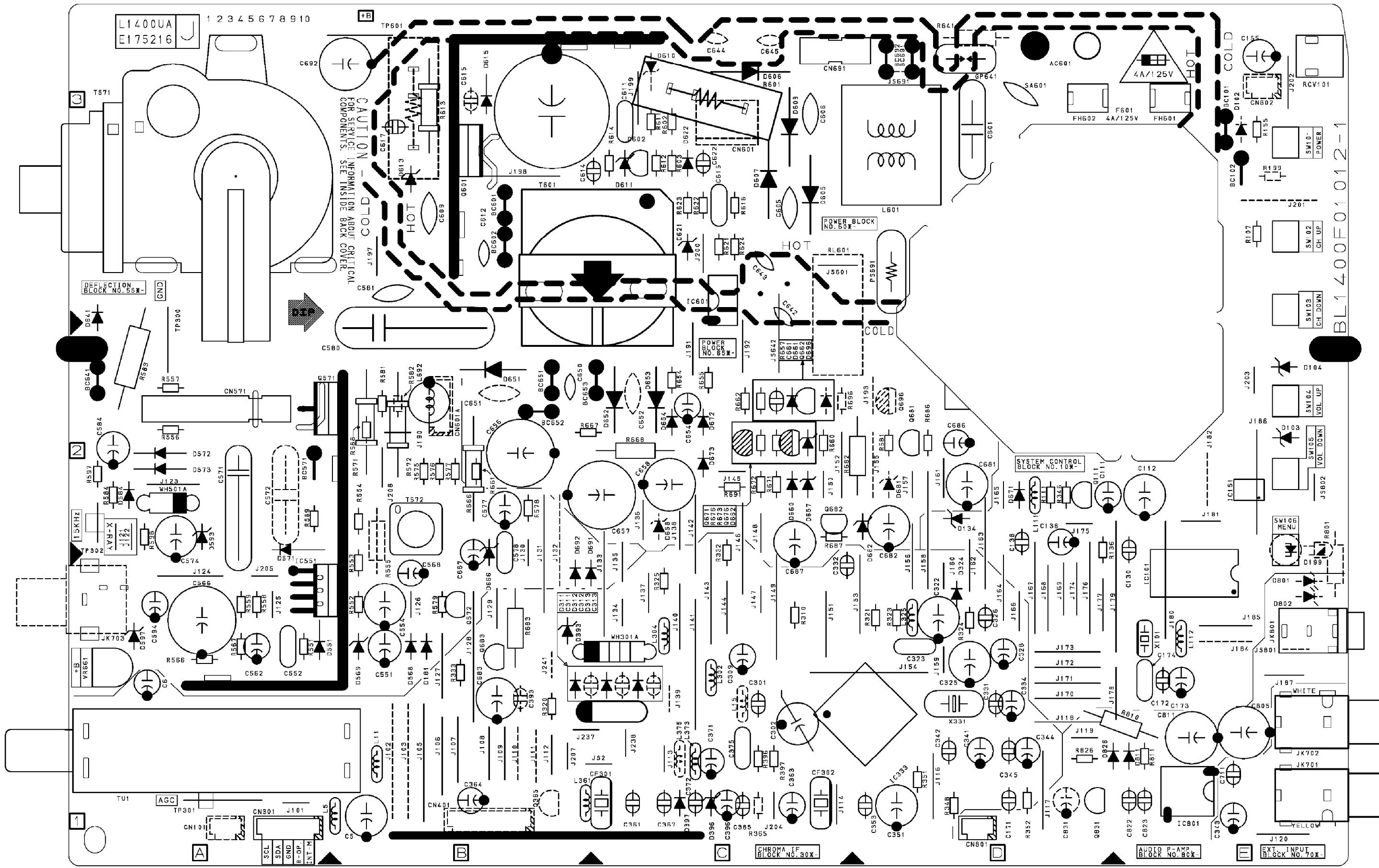
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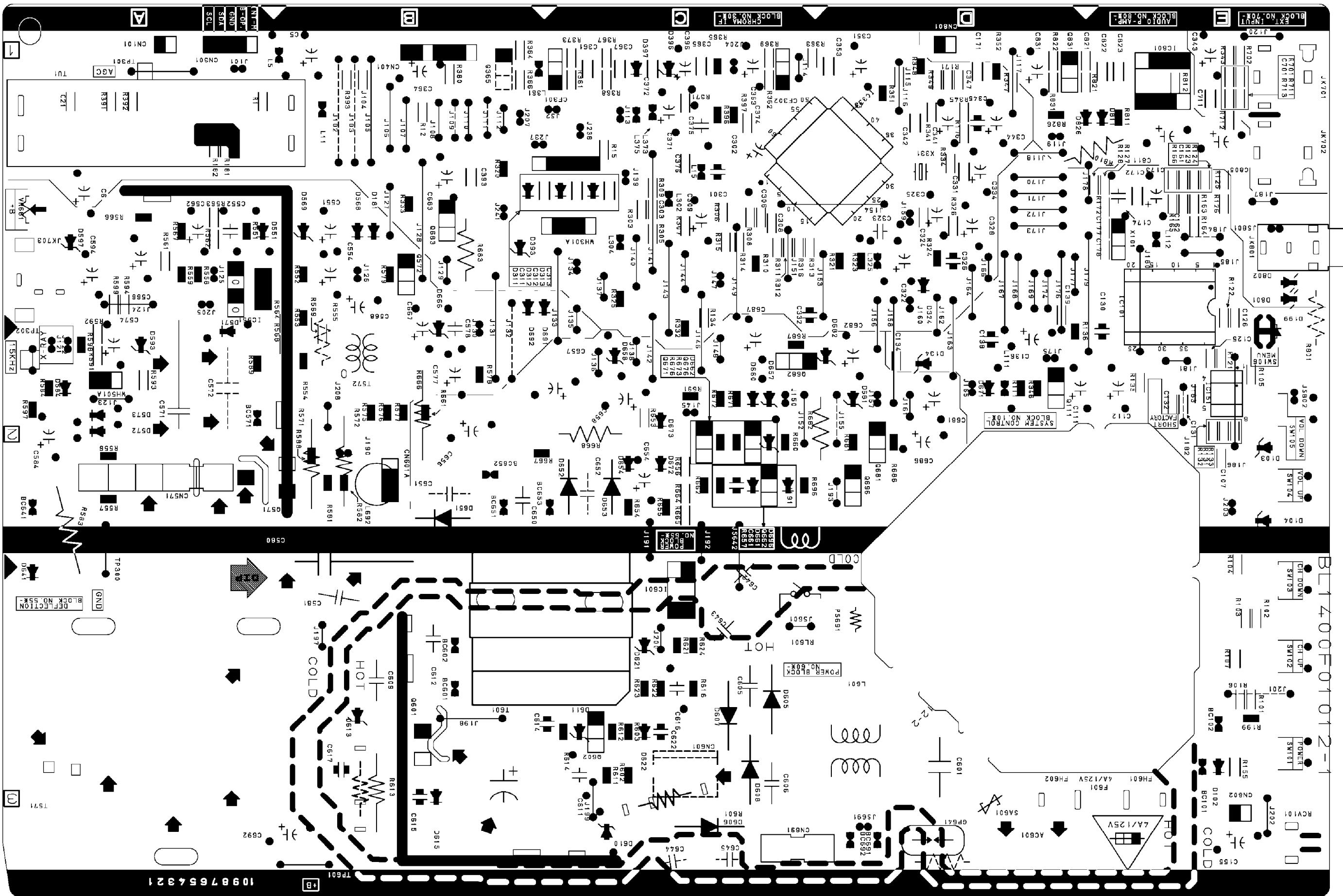
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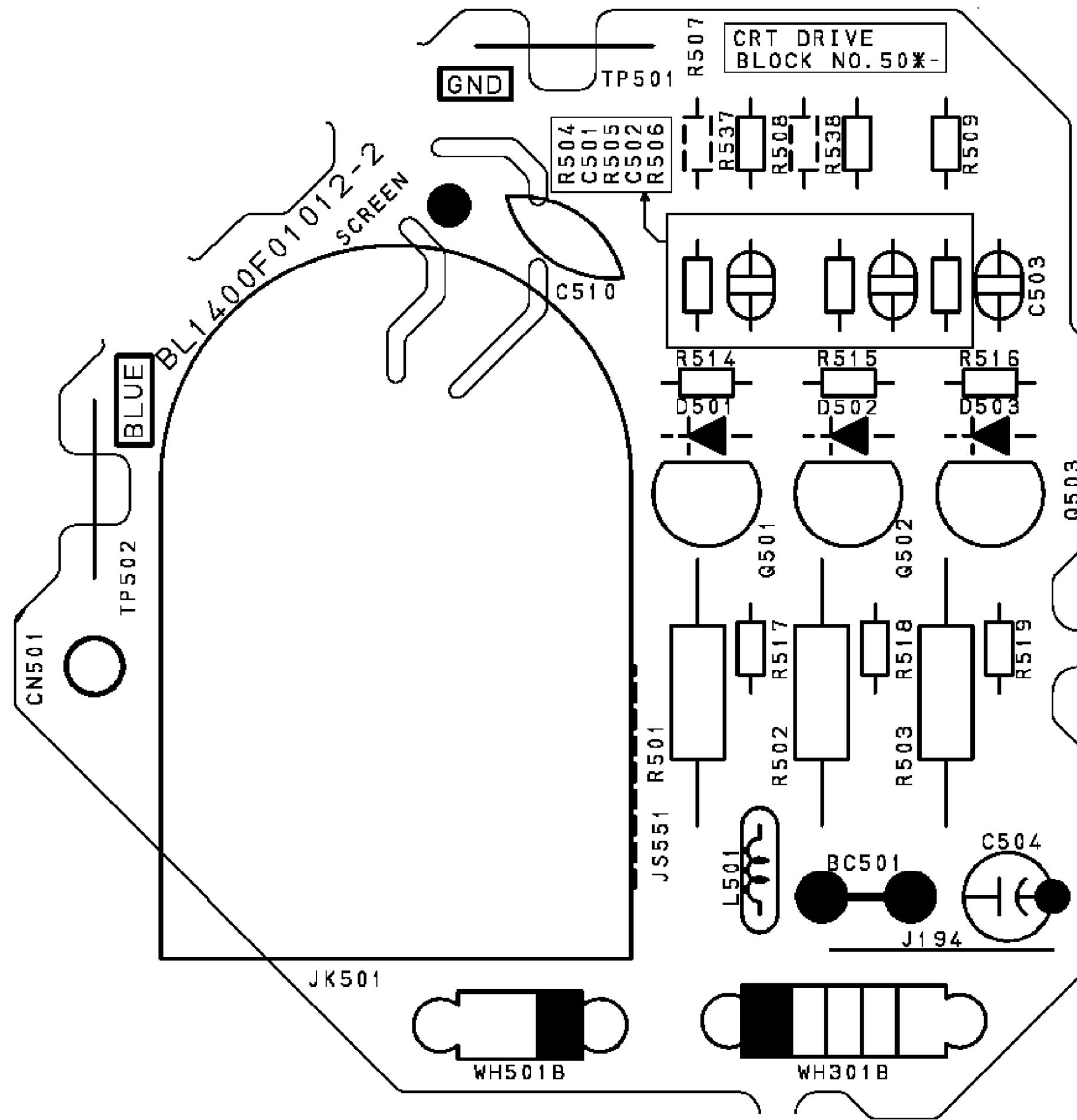
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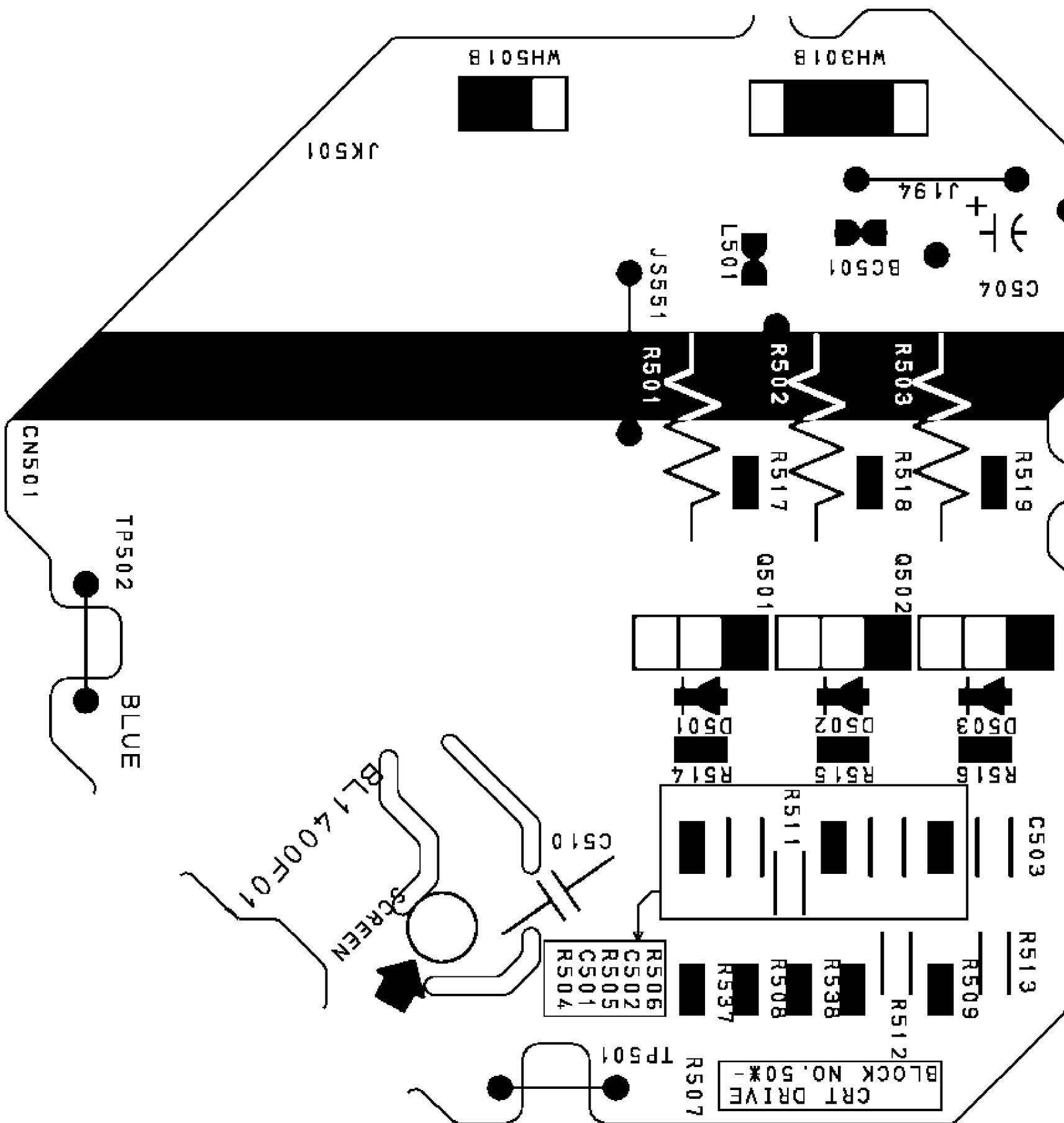
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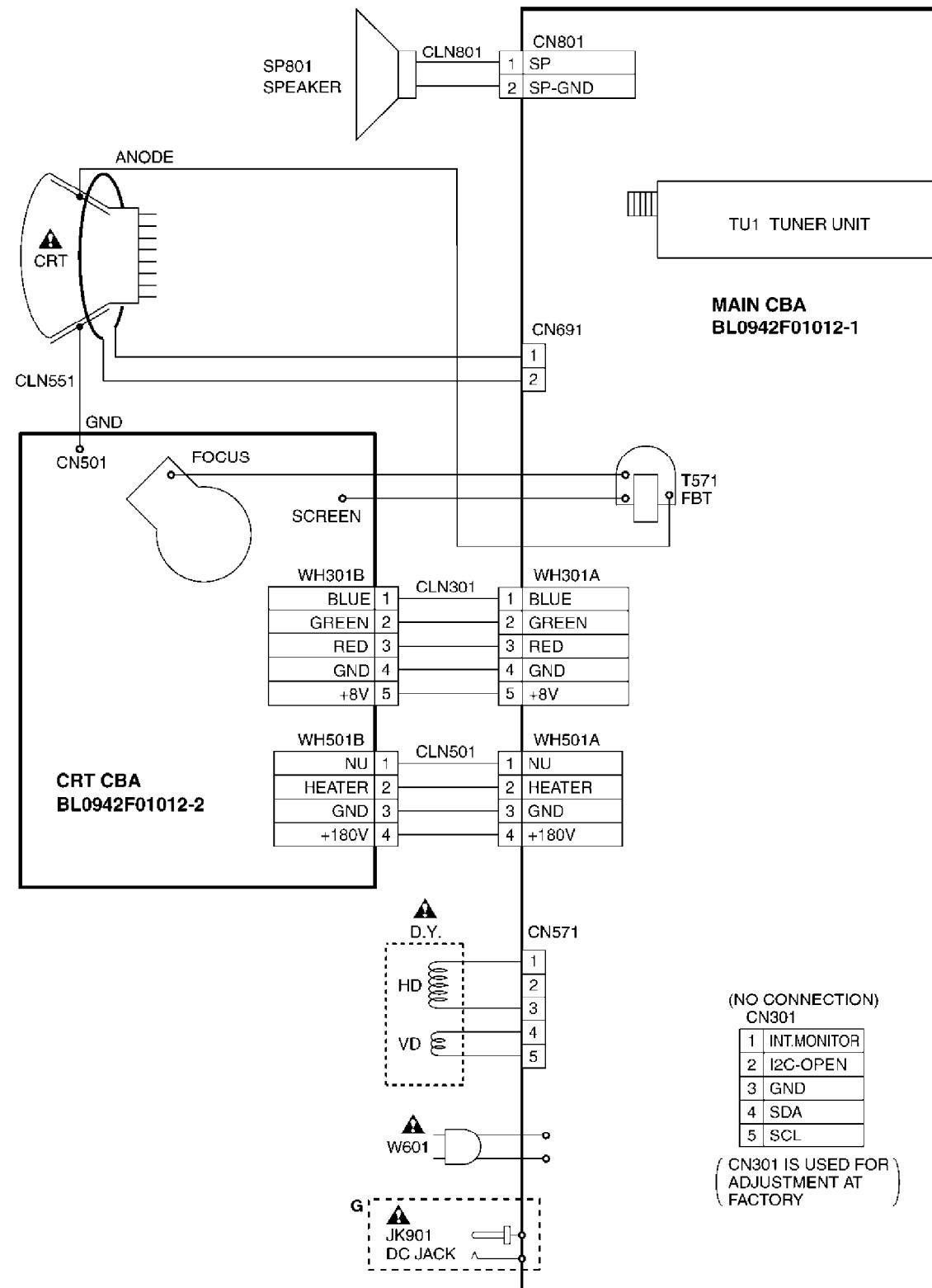


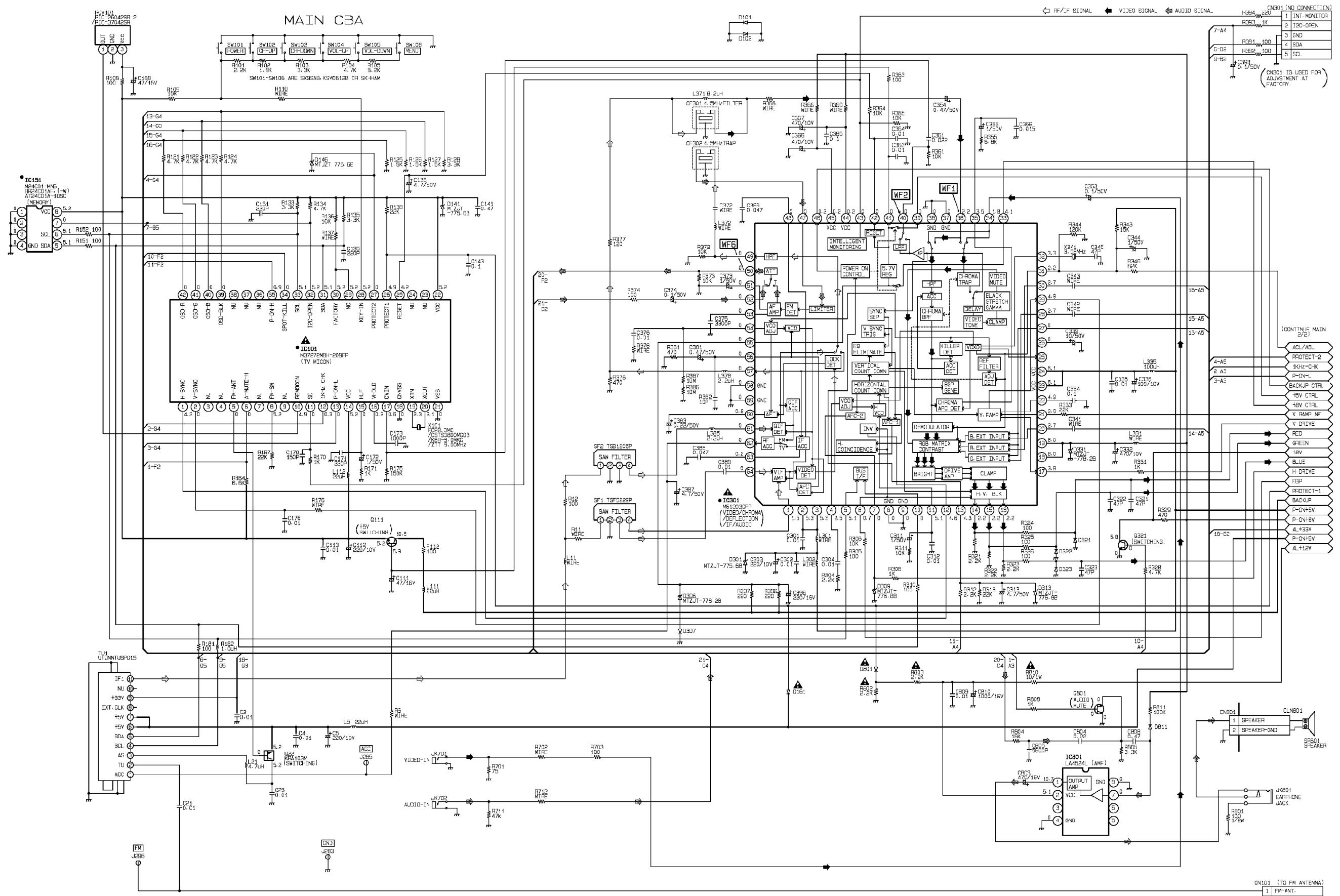
WIRING DIAGRAM

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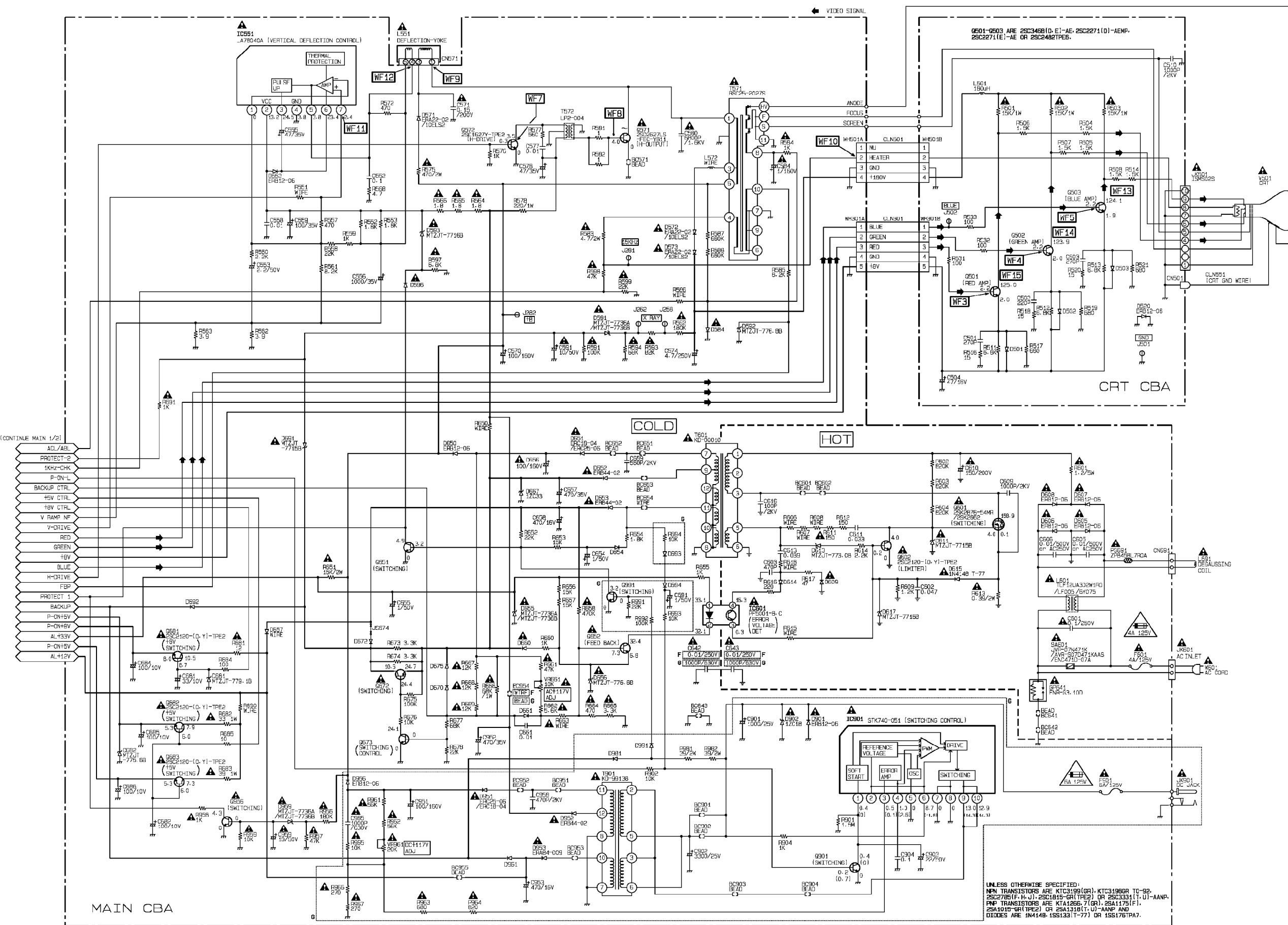
Comparison Chart of Models & Marks

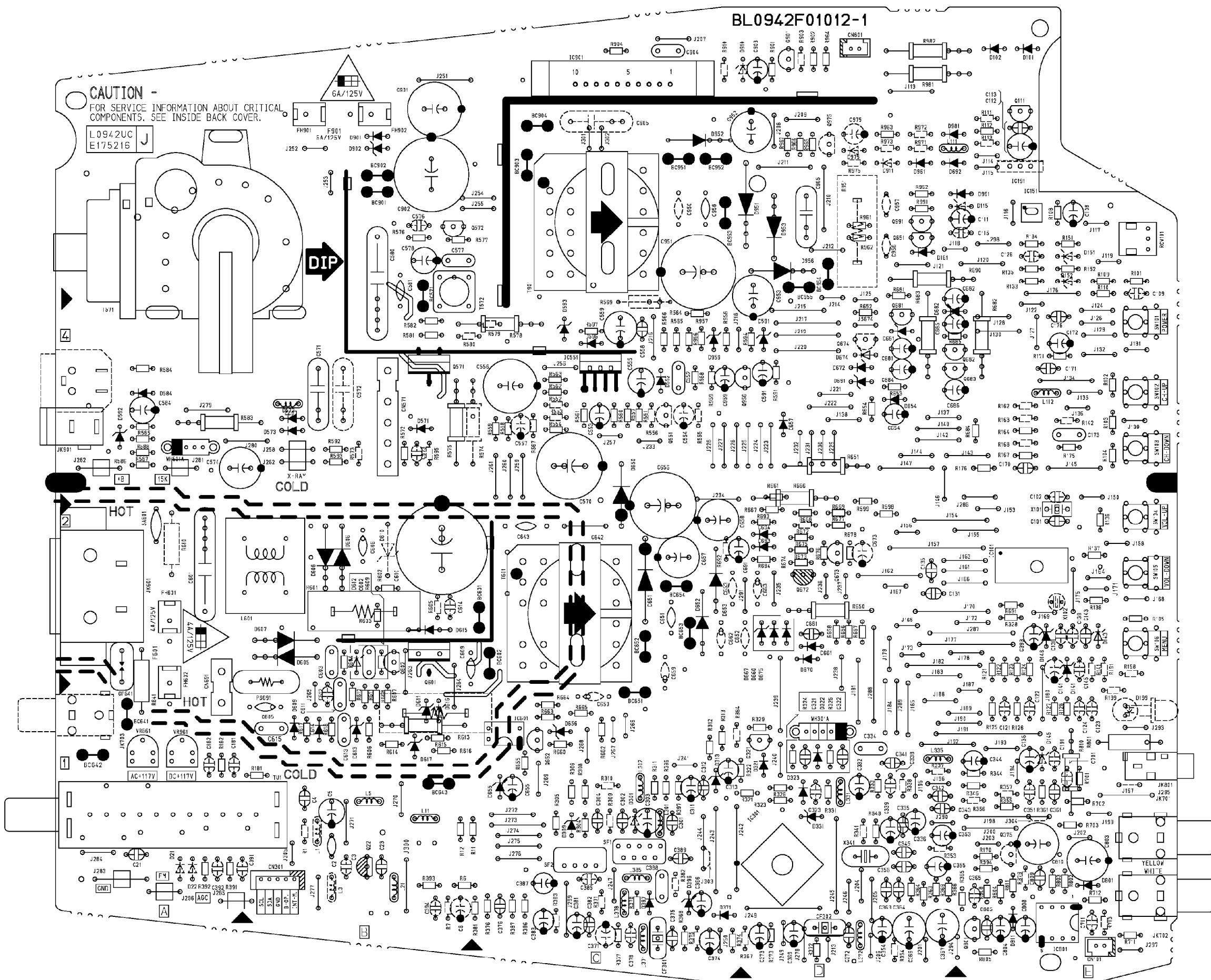
Model	Mark
PR0930X	F
PR0935B	G

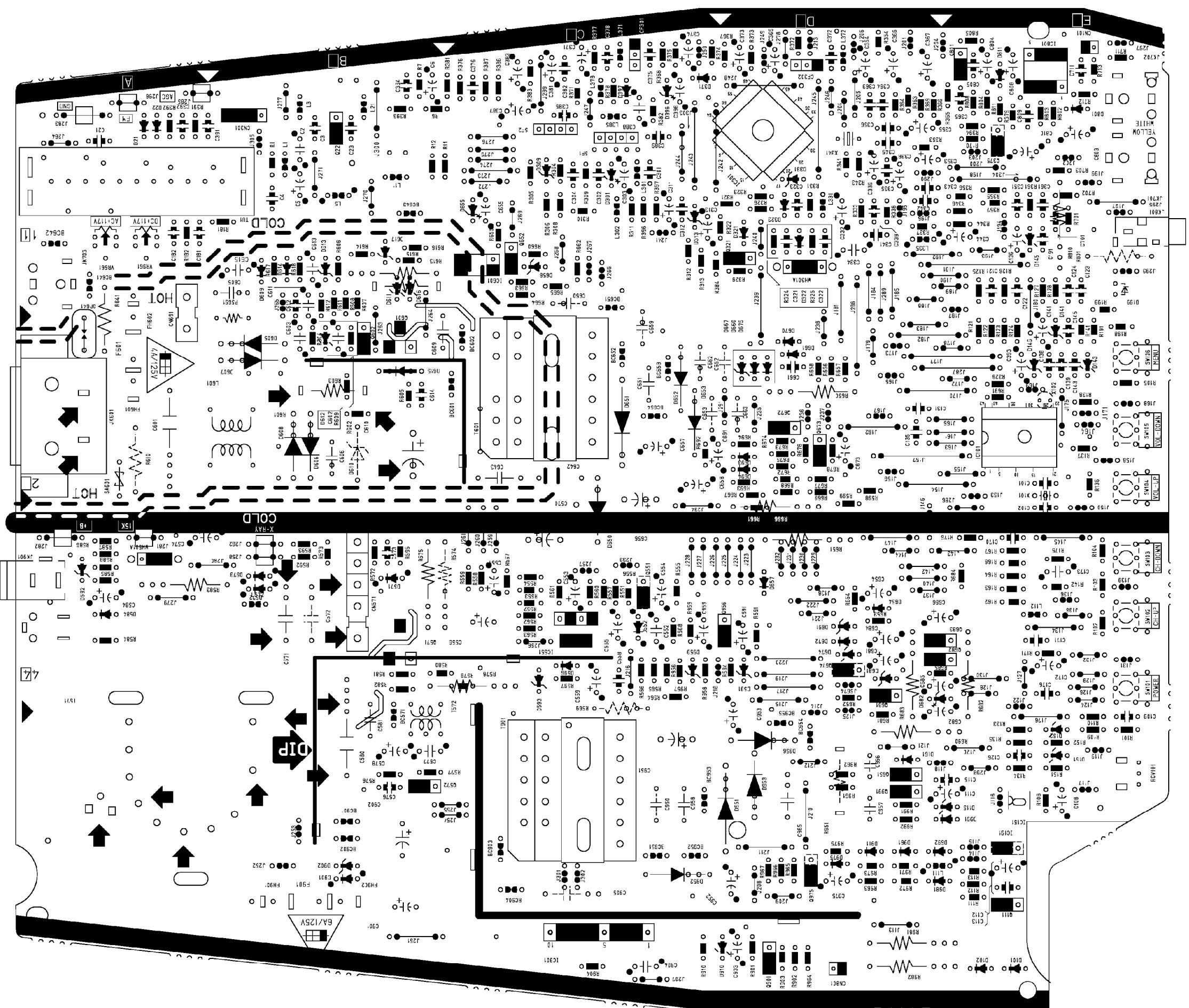


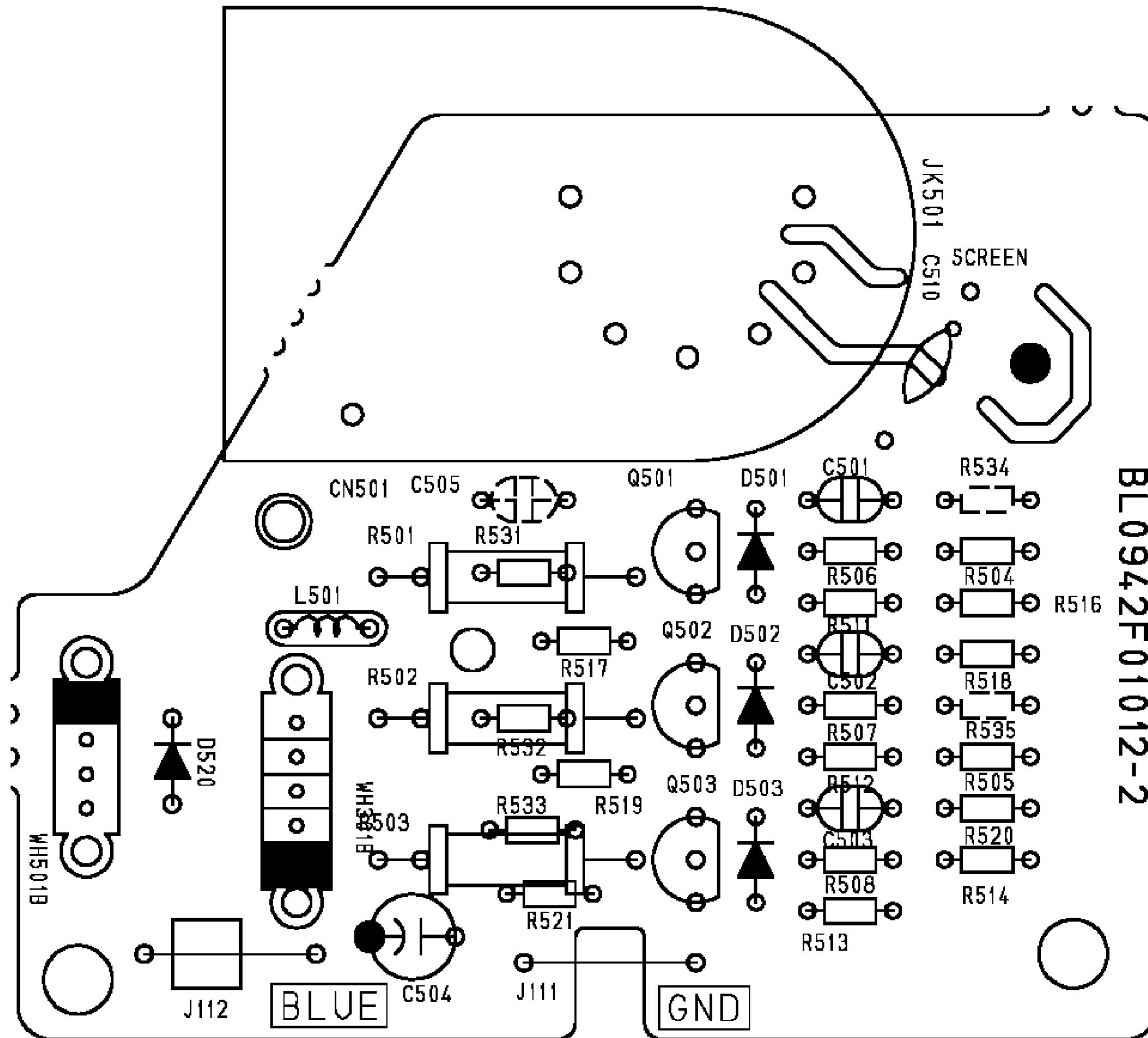


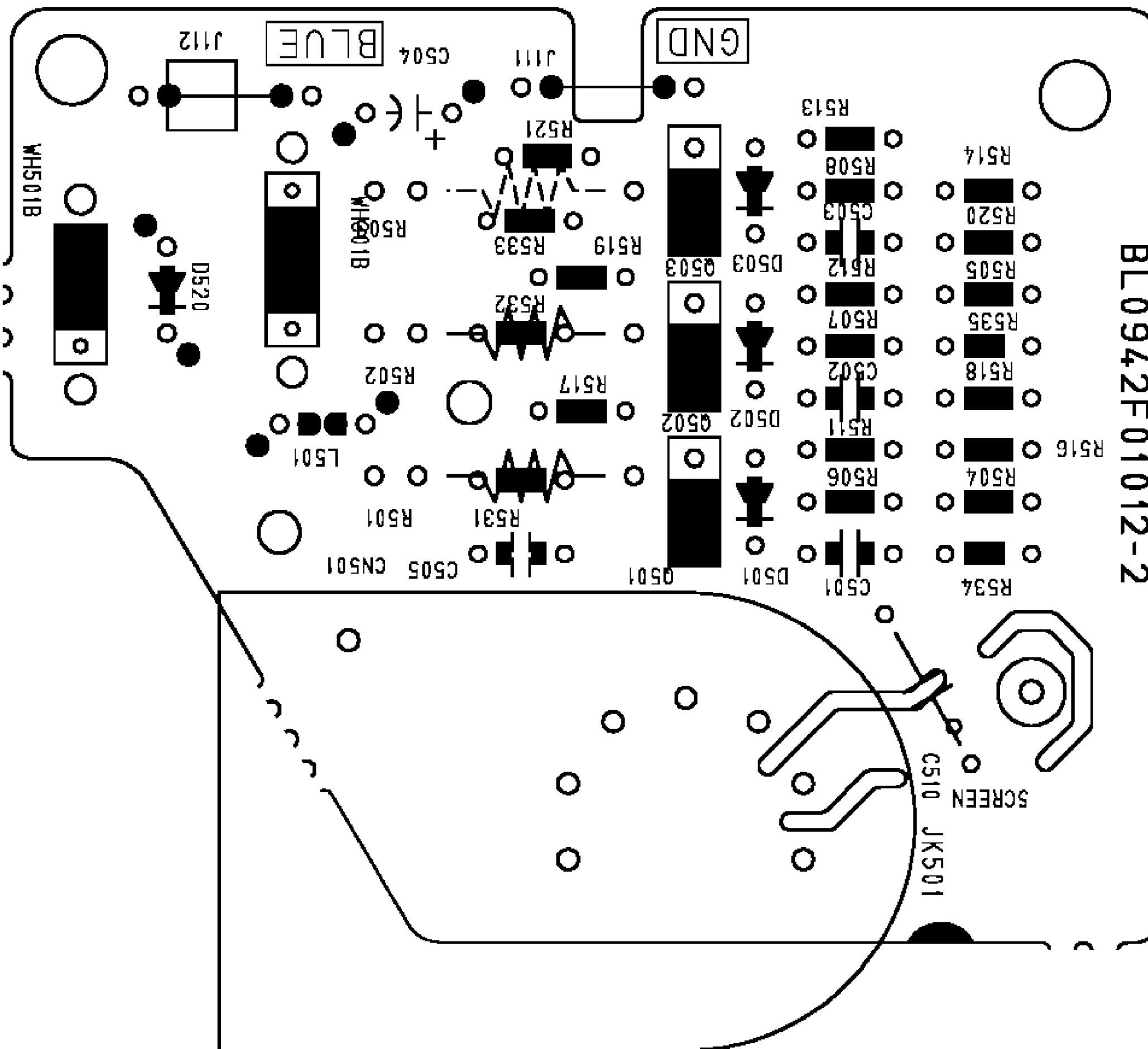
UNLESS OTHERWISE SPECIFIED:
NPN TRANSISTORS ARE KTC3199(GR), KTC3198GR TO-92, 2SC2785(F, H, J),
2SC1845-GR(TPE2) OR 2SC3331(T-U)-AANP AND
DIODES ARE 1N4148, 1SS133(T-77) OR 1SS176TPA7.





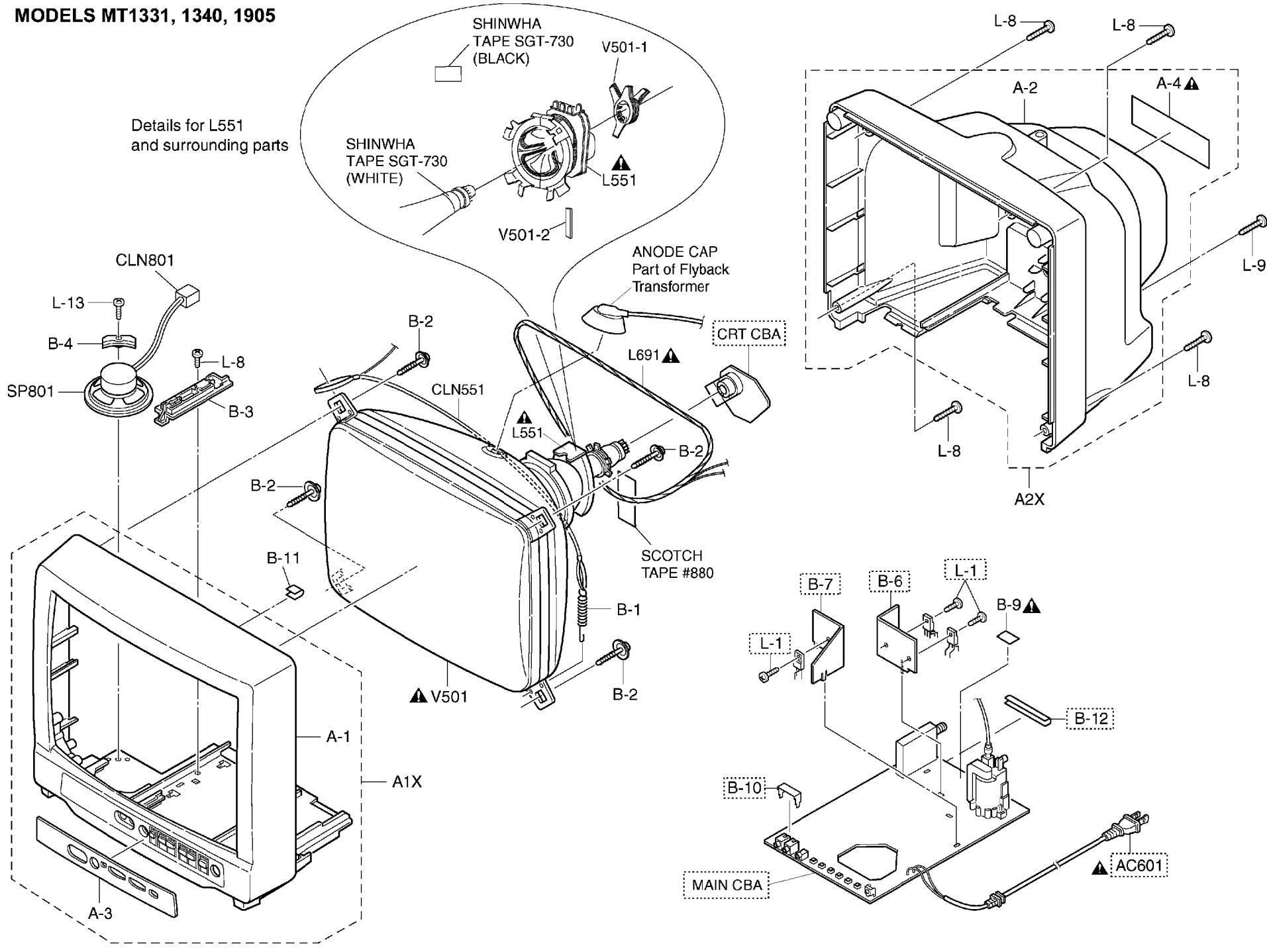




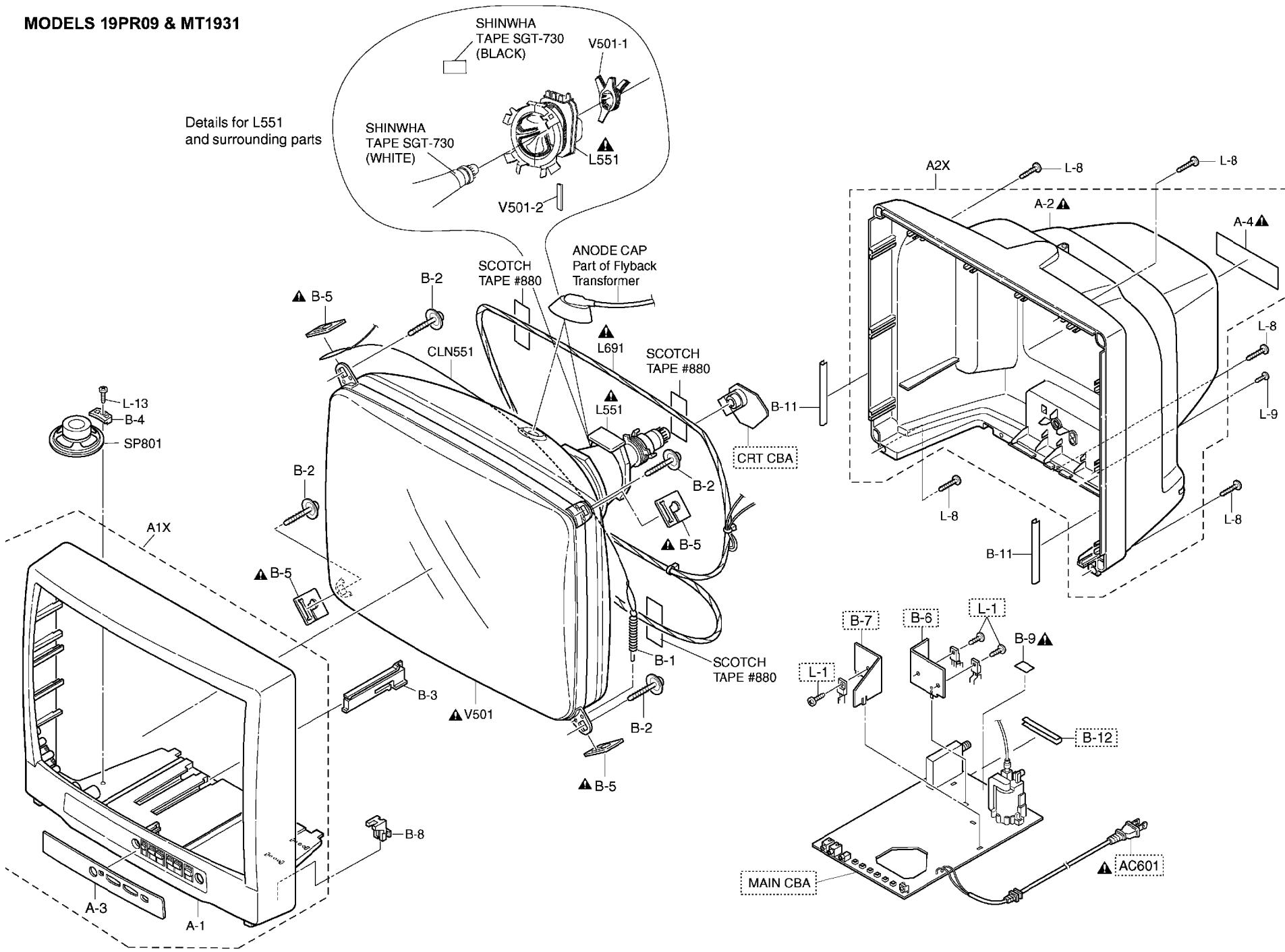


CABINET EXPLODED VIEW - MT1331, 1340, 1905

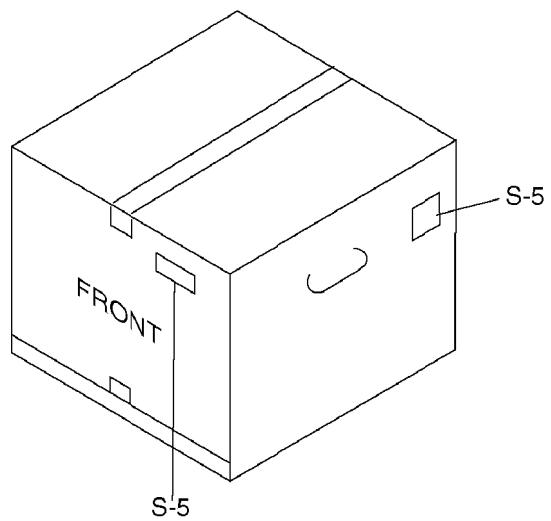
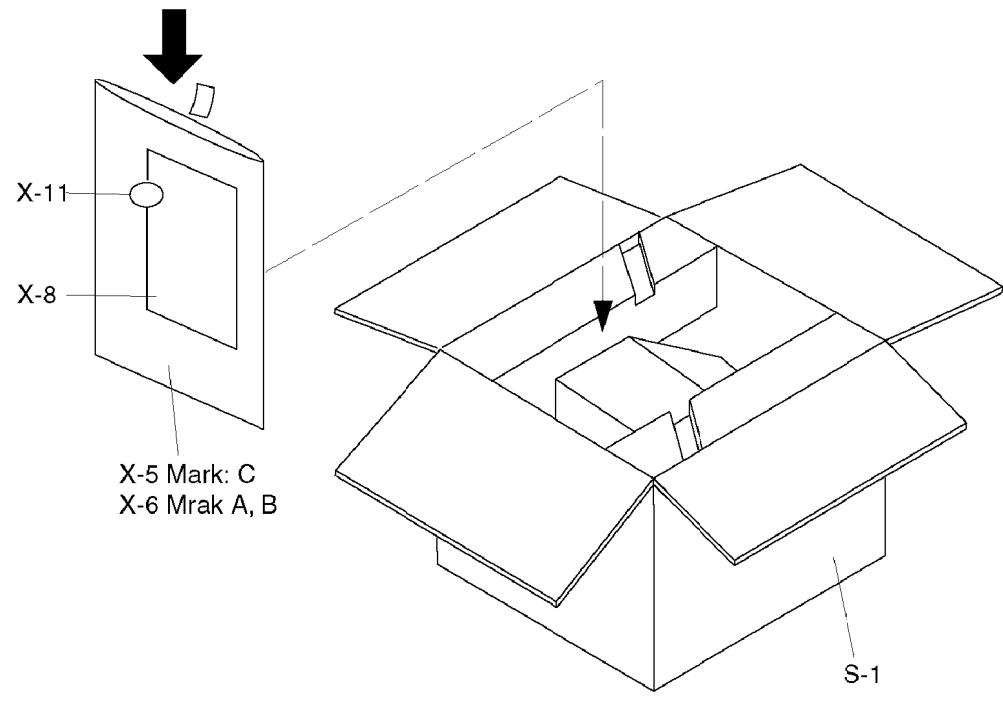
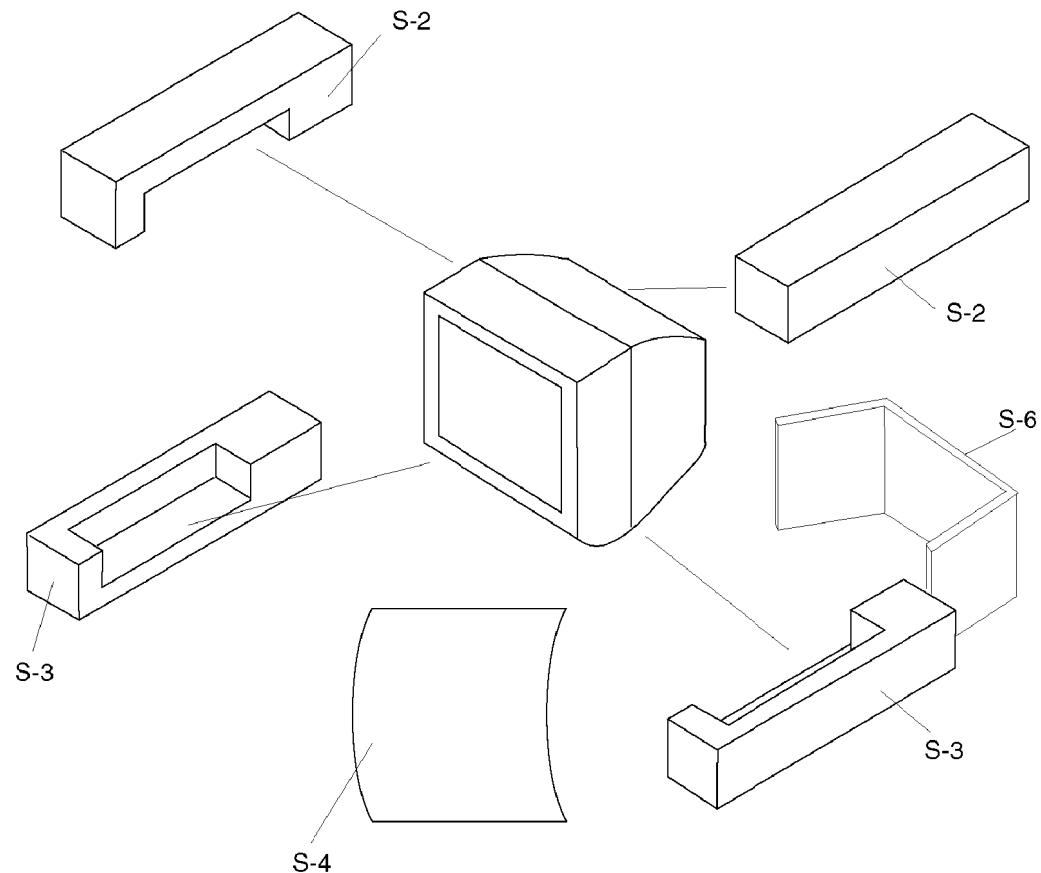
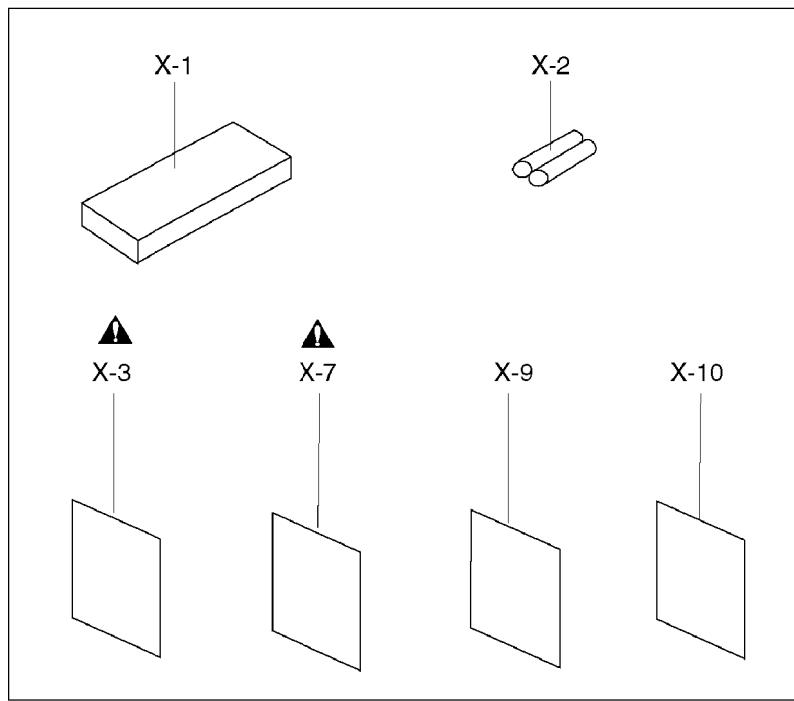
MODELS MT1331, 1340, 1905

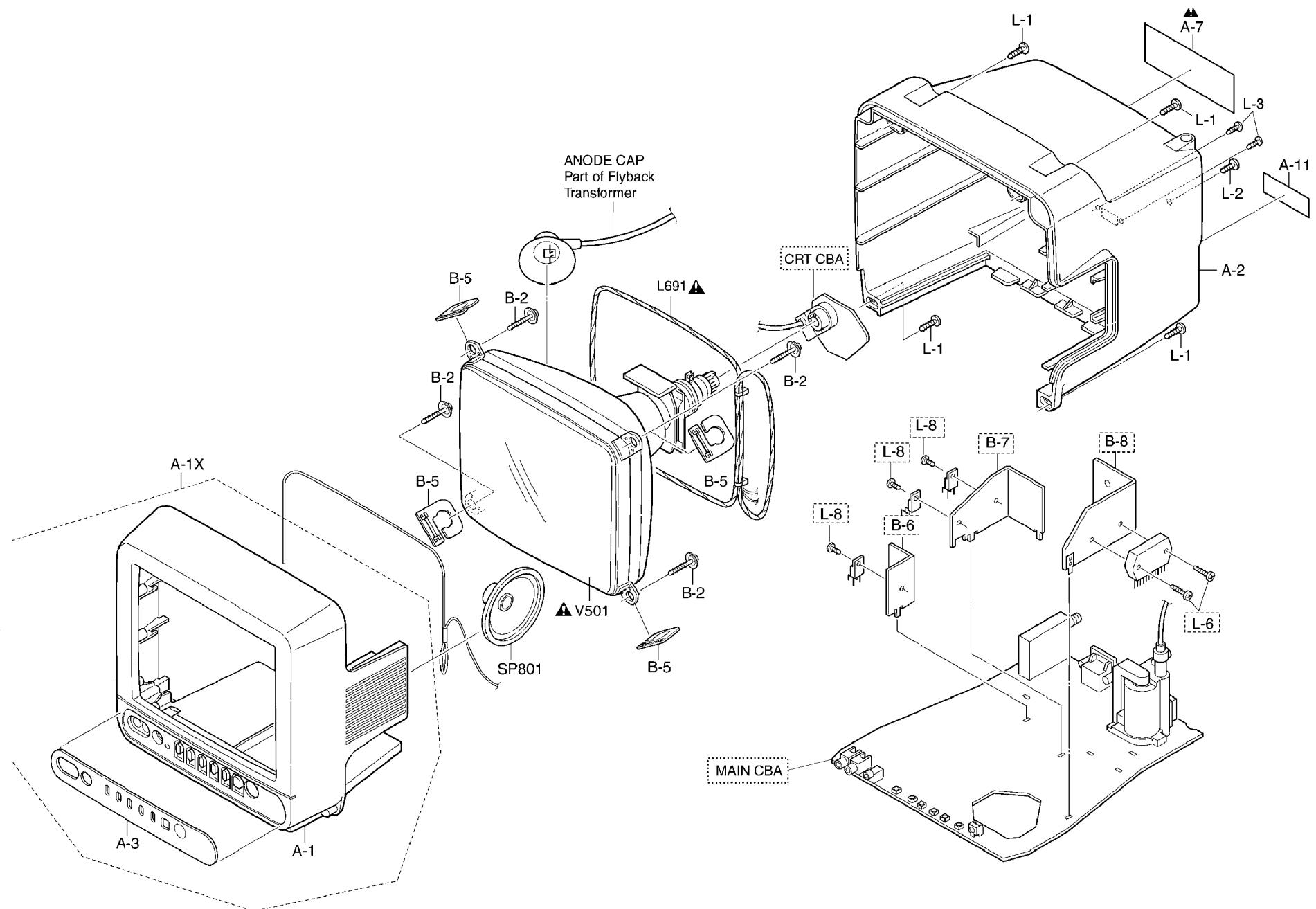


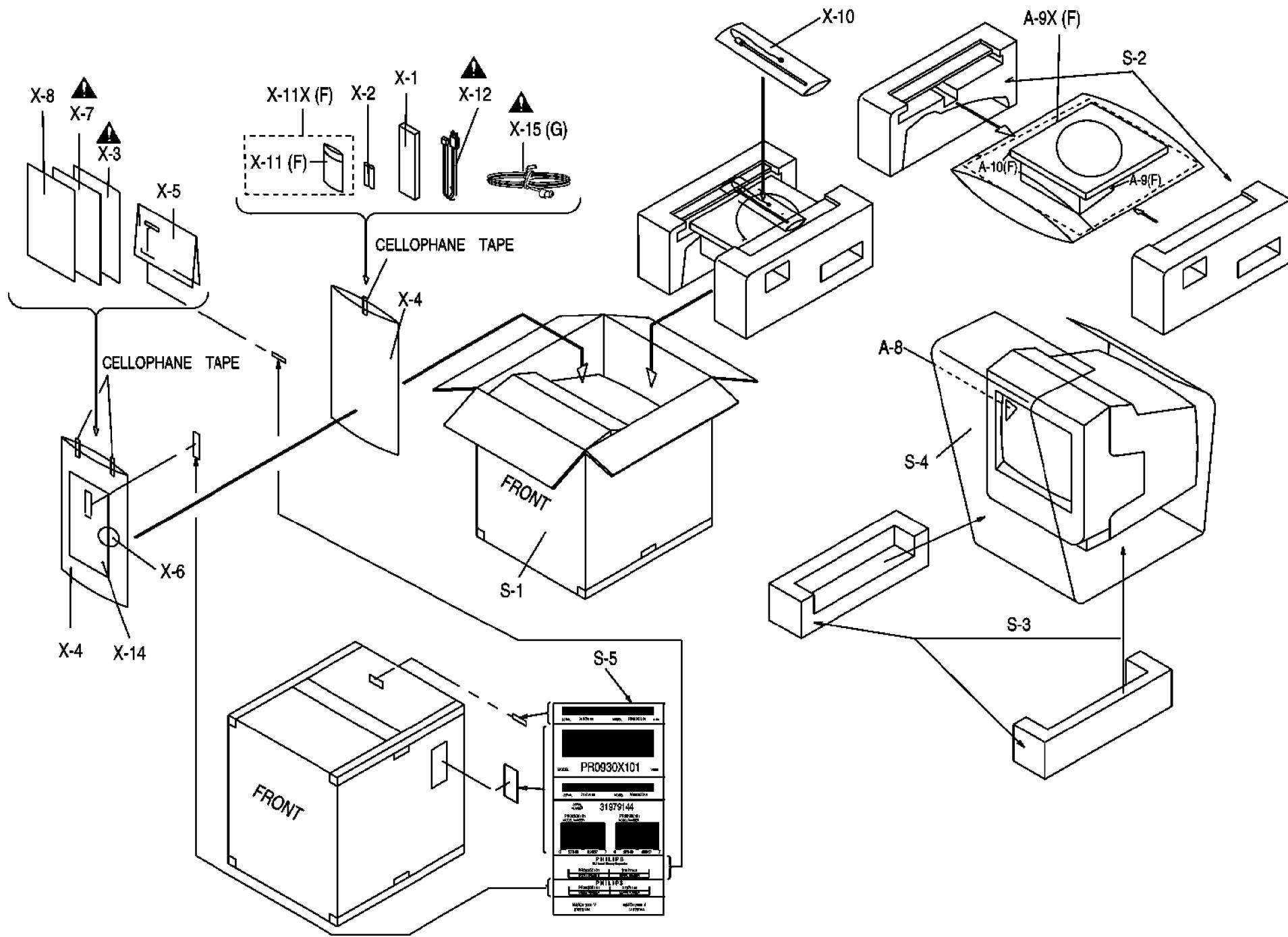
MODELS 19PR09 & MT1931



PACKING EXPLODED VIEW







19PR09C101 - Manual no. 7610

CABINET PARTS

CABINET PARTS	
	CABINET PARTS
A1X	FRONT CABINET ASSEMBLY
A-1	FRONT CABINET
A-3	CONTROL PLATE
A-2	REAR CABINET
S A-4	RATING LABEL
A-5	PATENT NO. LABEL
B-1	TENSION SPRING
B-2	CRT MOUNTING SCREW
B-3	PCB HOLDER
B-4	SPEAKER HOLDER
S B-5	DEGAUSS HOLDER
B-8	AC CORD HOLDER
S B-9	CHASIS NO. LABEL
B-11	CLOTH
S B-14	CRITICAL PARTS WARNING LABEL
B-15	CLOTH
L-8	SCREW, P-TIGHT 4X18 BIND HEAD +
L-9	SCREW TAPPING M4X14
L-13	SCREW, P-TIGHT 3X12 BIND HEAD+

PACKING

PACKING	
S-1	CARTON
S-2	STYROFOAM BOTTOM ASSEMBLY
S-3	STYROFOAM TOP ASSEMBLY
S-4	SET SHEET
S-5	SERIAL NO. LABEL
S-6	HOLD PAD

ACCESSORIES

ACCESSORIES	
X-1	REMOCON UNIT
REMOTE	REMOCON UNIT
X-2	DRY BATTERY
S X-3	OWNER'S MANUAL
X-5	POLYETHYLENE BAG
S X-7	IMPORTANT SAFEGUARDS
X-8	SERVICE CONTRACT CARD
X-9	SERVICE CENTER MAP
X-10	REGISTRATION CARD
X-11	SERVICE CONTRACT LABEL

CRT ASSEMBLY

CRT ASSEMBLY	
CLN551	CRT GND WIRE
CLN801	WIRE ASSEMBLY SPEAKER WIRE
SP801	SPEAKER
S L691	DEGAUSSING COIL
S L551	DEFLECTION YOKE KDY3MDA84X (USED W/A48J
	LL90X CRT)
S V501	CRT A48JLL90X (USES KDY3MDA84X YOKE) .
V501-1	C.P. MAGNET
V501-2	WEDGE
V501-3	RUBBER MAGNET
S L551	DEFLECTION YOKE KDY3MBC20X (USED W/A48L
	GS30X CRT)
S V501	CRT A48LGS30X (USES KDY3MBC20X YOKE) .
S L551	DEFLECTION YOKE CDY-M2023F (USED W/A48L
	RH93X CRT)
S V501	CRT A48LRH93X(W) (USES CDY-M2023F YOKE) .

MAIN CBA

MAIN CBA	
C5	ELECTROLYTIC CAP. 100mF/10V ±20% . . .
C6	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .
C107	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .
C111	ELECTROLYTIC CAP. 4.7mF/16V ±20% . . .
C112	ELECTROLYTIC CAP. 100mF/10V ±20% . . .
C113	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F) .
C125	CHIP CERAMIC CAP. 47pF/50V ±5% (CH) .
C130	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .
C131	CHIP CERAMIC CAP. 100pF/50V ±5% (CH) .
C132	CHIP CERAMIC CAP. 220pF/50V ±5% (CH) .
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .
C139	CHIP CERAMIC CAP. 0.1mF/25V Z+80/-20% (F) .
C155	ELECTROLYTIC CAP. 47mF/16V ±20% . . .
C161	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .
C162	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B) .
C171	CHIP CERAMIC CAP. 220pF/50V ±5% (CH) .
C172	CHIP CERAMIC CAP. 220pF/50V ±5% (CH) .
C173	ELECTROLYTIC CAP. 1mF/50V ±20% . . .
C174	FILM CAP.(P) 0.001mF/50V ±5% . . .
C302	ELECTROLYTIC CAP. 220mF/10V ±20% . . .
C303	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .
C306	CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .
C308	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .
C309	ELECTROLYTIC CAP. 1mF/50V ±20% . . .
C322	ELECTROLYTIC CAP. 100mF/10V ±20% . . .

S = Safety Part Be sure to use exact replacement part.

C323	FILM CAP.(P) 0.1mF/50V ±5%	4835 122 47451
C325	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C326	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F) .	4835 125 17009
C328	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
C331	CHIP CERAMIC CAP. 47pF/50V ±5% (CH) .	4835 122 87148
C332	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F) .	4835 122 47162
C334	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C341	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C342	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B) .	4835 122 47704
C343	ELECTROLYTIC CAP. 0.1mF/50V ±20%	4835 124 47048
C344	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835 124 47155
C345	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F) .	4835 122 47162
C351	ELECTROLYTIC CAP. 470mF/10V ±20%	4835 124 47286
C353	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B) .	4835 122 87162
C361	CHIP CERAMIC CAP. 680pF/50V ±5% (CH) .	4835 122 87037
C363	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL . . .	4835 124 47183
C364	ELECTROLYTIC CAP. 2.2mF/50V ±20%	4835 124 47049
C365	CERAMIC CAP.(AX) 3900pF/16V ±10% (X) .	4835 122 47677
C367	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .	4835 122 87255
C371	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835 124 47155
C372	CHIP CERAMIC CAP. 33pF/50V ±5% (CH) .	4835 122 87138
C374	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .	4835 122 87255
C375	FILM CAP.(P) 0.047mF/50V ±5%	4835 121 47456
C376	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000
C393	CHIP CERAMIC CAP. 0.1mF/25V Z+80/-20% (F) .	4835 122 87213
C396	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
C551	ELECTROLYTIC CAP. 4.7mF/35V ±20%	4835 124 97066
C552	FILM CAP.(P) 0.1mF/50V ±5%	4835 122 47451
C554	ELECTROLYTIC CAP. 100mF/35V ±20%	4835 124 47284
C562	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL . . .	4835 124 47183
C566	ELECTROLYTIC CAP. 1000mF/25V ±20%	4835 124 47007
C568	ELECTROLYTIC CAP. 3.3mF/50V ±20%	4835 124 47052
S C571	PP CAP. 0.47mF/250V ±5%	4835 121 47411
S C574	ELECTROLYTIC CAP. 4.7mF/250V ±20%	4835 124 47465
C577	ELECTROLYTIC CAP. 47mF/35V ±20%	4835 124 97066
C578	FILM CAP.(P) 0.01mF/50V ±5%	4835 121 47461
S C580	PP CAP. 0.01mF/1.6KV ±5%	4835 121 47622
S C581	CERAMIC CAP. LB 1000pF/2kV	4835 122 47551
S C584	ELECTROLYTIC CAP. 1mF/160V ±20%	4835 124 47516
S C594	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
S C601	METALLIZED FILM CAP. 0.1mF/250V	4835 121 47025
C605	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F) .	4835 122 47601
C606	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F) .	4835 122 47601
C609	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
S C610	ELECTROLYTIC CAP. 220mF/200V	4835 124 47022
C611	FILM CAP.(P) 0.047mF/50V ±5%	4835 121 47456
C612	CERAMIC CAP. LB 330pF/2kV	4835 122 47573
C614	CERAMIC CAP.(AX) 560pF/50V ±10% (B) . . .	4835 122 47206
C617	CERAMIC CAP.(AX) 330pF/50V ±10% (B) . . .	4835 122 47047
C618	FILM CAP.(P) 0.056mF/50V ±5%	4835 121 47439
C622	CERAMIC CAP.(AX) 1000pF/50V ±10% (B) . . .	4835 122 47004
S C642	SAFETY CAP. 10000pF/250V	4835 122 97123
S C643	SAFETY CAP. 10000pF/250V	4835 122 97123
S C644	SAFETY CAP 470pF B CS	4835 122 97124
S C645	SAFETY CAP 470pF B CS	4835 122 97124
C650	CERAMIC CAP. LB 220pF/2kV	4835 122 47579
C654	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C656	ELECTROLYTIC CAP. 100mF/160V ±20%	4835 124 47698
C657	ELECTROLYTIC CAP. 1000mF/35V ±20%	4835 124 47143
C658	ELECTROLYTIC CAP. 1000mF/16V ±20%	4835 124 47005
C661	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F) .	4835 122 47009
C667	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 125 17009
C681	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C682	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C683	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C686	ELECTROLYTIC CAP. 33mF/16V ±20%	4835 124 47306
C687	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C692	ELECTROLYTIC CAP. 10mF/160V ±20%	4835 124 47742
C701	CHIP CERAMIC CAP. 100pF/50V ±5% (CH) .	4835 122 87193
C711	CERAMIC CAP.(AX) 3300pF/16V ±10% (X) .	4835 122 47475
C805	ELECTROLYTIC CAP. 470mF/16V ±20%	4835 220 17118
C811	ELECTROLYTIC CAP. 470mF/16V ±20%	4835 220 17118
C821	CHIP CERAMIC CAP. 4700pF/50V ±10% (B) .	4835 122 87326
C822	CERAMIC CAP.(AX) 0.22mF/50V Z+80/-20% (F) .	4835 122 47706
C823	CERAMIC CAP.(AX) 0.47mF/50V Z+80/-20% (F) .	4835 122 47707
CN301	CONNECTOR BASE, 5P TUC-P05P-B1	J3TU A05 TG001
CN571	CONNECTOR BASE, 5P TV-50P-05-V3.	J3TV C05 TG002
CN691	CONNECTOR BASE, 2P TV-50P-02-V3.	J3TV C02 TG002
CN801	STRAIGHT CONNECTOR BASE 00 8283 0212 00	J383 C02 UG002
D103	ZENER DIODE MTZJT-775.6B	4835 130 37329
D104	ZENER DIODE MTZJT-775.6B	4835 130 37329
S D134	ZENER DIODE MTZJT-775.6B	4835 130 37329
S D181	SWITCHING DIODE 1SS133(T-77)	4835 130 37235
D311	SWITCHING DIODE 1SS133(T-77)	4835 130 37235
D312	SWITCHING DIODE 1SS133(T-77)	4835 130 37235
D313	SWITCHING DIODE 1SS133(T-77)	4835 130 37235

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S D324	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	S R134	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
D394	ZENER DIODE MTZJT-775.6B	4835	130	37329	R135	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	R136	CARBON RES. 1/4W 22kohm ±5%	4835	110	57038
D397	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R155	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D551	DIODE 1N5397-B	4835	130	38014	R164	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D568	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R165	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	20000
S D569	ZENER DIODE MTZJT-7720B	4835	130	37965	R171	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D571	DIODE FR104-B	4835	130	38018	R172	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
S D572	DIODE FR104-B	4835	130	38018	R176	CHIP RES. 1/10W 390kohm ±5%	4835	111	17406
S D573	DIODE FR104-B	4835	130	38018	R181	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D584	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R182	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D593	ZENER DIODE MTZJT-7736B	4835	130	37785	R303	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D597	ZENER DIODE MTZJT-776.8B	4835	130	37881	R305	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S D605	DIODE 1N5397-B	4835	130	38014	R306	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
S D606	DIODE 1N5397-B	4835	130	38014	R307	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	20000
S D607	DIODE 1N5397-B	4835	130	38014	R308	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D608	DIODE 1N5397-B	4835	130	38014	R309	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D611	ZENER DIODE MTZJT-7715B	4835	130	37604	R310	CARBON RES. 1/4W 2.2kohm ±5%	4835	110	57079
S D613	ZENER DIODE MTZJT-7715B	4835	130	37604	R311	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R312	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D621	ZENER DIODE MTZJT-773.0B	4835	130	37972	R313	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D622	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R314	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D651	RECTIFIER DIODE 15DF4	4835	130	38021	VR315	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D652	DIODE FR154	4835	130	38019	R316	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D653	DIODE FR154	4835	130	38019	R320	PCB JUMPER	0000	00J	W5.0T
D654	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R321	CARBON RES. 1/4W 1k ±5%	4835	110	57025
S D657	DIODE 1ZC33	4835	130	37958	R323	CARBON RES. 1/4W 33kohm ±5%	4835	110	57211
D660	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R324	CARBON RES. 1/4W 10 ohm ±5%	4835	110	57002
D661	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R325	CARBON RES. 1/4W 270kohm ±5%	4835	110	57312
S D662	ZENER DIODE MTZJT-776.8B	4835	130	37881	R326	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S D666	ZENER DIODE MTZJT-7736B	4835	130	37785	R332	CARBON RES. 1/4W 15kohm ±5%	4835	110	57032
D671	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R333	CARBON RES. 1/4W 270kohm ±5%	4835	110	57312
D672	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R334	CHIP RES. 1/10W 150kohm ±5%	4835	111	17108
D673	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R341	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R343	CHIP RES. 1/10W 560ohm ±5%	4835	111	37464
S D691	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R346	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003
D692	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R347	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D696	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R348	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
D801	PCB JUMPER	0000	00J	W5.0T	R351	PCB JUMPER	0000	00J	W5.0T
D802	CARBON RES. 1/2W J 100ohm	4835	110	47085	R352	PCB JUMPER	0000	00J	W5.0T
S D811	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R361	CHIP RES. 1/10W 82ohm ±5%	4835	111	17119
D826	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R364	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
IC101	IC:TV MICON.	4835	209	17669	R367	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	20000
IC151	IC:MEMORY	4835	209	47421	R368	CHIP RES. 1/10W 10Mohm ±5%	4835	111	17587
S IC333	IC:VIDEO/CHROMA/DEFLECTION/IF/AUDIO	4835	209	47585	R369	CHIP RES. 1/10W 15kohm ±5%	4835	111	17153
S IC551	IC:VERTICAL DEFLECTION CONTROL	4835	209	47512	R371	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S IC601	PHOTO COUPLER PF5001-B,C	4835	130	48166	R373	CHIP RES. 1/10W 390ohm ±5%	4835	111	17425
IC801	AUDIO AMP IC	4835	209	47502	R380	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L5	INDUCTOR 22±H-K-5FT	4835	157	57373	R391	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L11	PCB JUMPER	0000	00J	W5.0T	R392	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L15	INDUCTOR 0.82±H-J-26T	4835	157	58276	R393	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
L111	INDUCTOR 22±H-K-5FT	4835	157	57373	R396	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L112	INDUCTOR 22±H-J-26T	4835	157	57641	R397	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L302	PCB JUMPER	0000	00J	W5.0T	R551	CARBON RES. 1/4W 4.7ohm ±5%	4835	110	57212
L304	INDUCTOR 1.0±H-K-26T	4835	157	58144	S R552	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L325	INDUCTOR 100±H-K-5FT	4835	157	57798	S R553	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L361	INDUCTOR 10±H-J-26T	4835	157	57643	S R554	CARBON RES. 1/4W 3.9ohm ±5%	4835	110	57281
L373	INDUCTOR 3.3±H-J-26T	4835	157	58166	R556	CARBON RES. 1/4W 1k ±5%	4835	110	57025
S L601	LINE FILTER	4835	154	97205	R557	CARBON RES. 1/4W 1k ±5%	4835	110	57025
L692	CHOKE COIL 47 uH	4835	157	58208	R558	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
Q111	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R559	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
S Q571	H-OUTPUT 2SD2627LS-FEC-YB11 "NPN"	4835	130	48195	R561	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R562	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S Q601	SWITCHING 2SK2872-54MR	4835	130	48226	R563	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
S Q602	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R564	CHIP RES. 1/10W 56kohm ±5%	4835	111	17477
S Q662	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R566	CARBON RES. 1/4W 3.3ohm ±5%	4835	110	57043
S Q671	SWITCHING 2SA1175(F) "PNP"	4835	130	47645	R567	CARBON RES. 1/4W 3.3ohm ±5%	4835	110	57043
Q676	SWITCHING CONTROL BALF4M-T	4835	130	48204	S R569	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S Q681	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	S R571	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%	4835	116	67283
S Q682	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	S R572	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%	4835	116	67283
S Q683	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	S R575	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
Q696	SWITCHING CONTROL BALF4M-T	4835	130	48204	S R576	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
Q831	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	S R577	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
R101	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R578	CARBON RES. 1/4W 560ohm ±5%	4835	110	57052
R102	CHIP RES. 1/10W 1.8kohm ±5%	4835	111	17154	R579	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R103	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R581	PCB JUMPER	0000	00J	W5.0T
R104	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R583	FIXED METAL OXIDE FILM RES. 2W 3.9ohm ±5%	4835	116	67283
R105	CHIP RES. 1/10W 8.2kohm ±5%	4835	111	17416	S R584	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57025
R106	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027	S R588	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R107	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R589	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R111	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003	S R591	CHIP RES. 1/10W 180kohm ±5%	4835	111	17365
R121	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R592	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R122	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R593	CHIP RES. 1/10W 68kohm ±5%	4835	111	17172
R123	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R594	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R124	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R597	CARBON RES. 1/4W 8.2kohm ±5%	4835	110	57264
R125	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	S R598	CARBON RES. 1/4W 47kohm ±5%	4835	110	57189
R126	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	S R599	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
R127	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	S R601	CEMENT RES. 5W 1.2ohm ±10%	4835	113	87008
R128	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R602	CARBON RES. 1/4W 820kohm ±5%	4835	110	57344
R131	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162					
R132	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162					
R133	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166					

S = Safety Part Be sure to use exact replacement part.

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R603	CARBON RES. 1/4W 820kohm ±5%	4835 110 57344	TU1	TUNER.	4835 210 47116
R611	CARBON RES. 1/4W 270ohm ±5%	4835 110 57041	S VR661	CARBON P.O.T. 30kohm B	4835 100 97575
R612	CARBON RES. 1/4W 270ohm ±5%	4835 110 57041	X101	CERAMIC RESONATOR.	4835 242 77163
S R613	FIXED METAL OXIDE FILM RES. 2W 0.33ohm ±5%	4835 116 67055	X331	CRYSTAL OSCILLATOR 3.579545 MHz.	FXD3 55L LN003
R614	CARBON RES. 1/4W 47 ohm ±5%	4835 110 57019	CRT CBA	CRT CBA	
R616	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	C501	CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032
R621	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186	C502	CHIP CERAMIC CAP. 270pF/50V ±5% (CH) .	4835 122 87146
R622	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	C503	CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032
R623	CARBON RES. 1/4W 330ohm ±5%	4835 110 57045	C504	ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073
R624	PCB JUMPER	0000 00J W5.0T	C510	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
R653	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	CN501	PIN CONNECTOR 005P-5100.	JTEA 001 TG001
R654	CARBON RES. 1/4W 2.7k ±5%	4835 110 57006	L501	INDUCTOR 180±H-J-5FT	4835 157 58066
S R655	CARBON RES. 1/4W 1k ±5%	4835 110 57025	Q501	RED AMP 2SC2482 TPE6	4835 130 48046
R656	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	Q502	RED AMP 2SC2482 TPE6	4835 130 48046
R657	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	Q503	RED AMP 2SC2482 TPE6	4835 130 48046
R660	CARBON RES. 1/4W 1k ±5%	4835 110 57025	S R501	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R661	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	S R502	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R662	CARBON RES. 1/4W 220kohm ±5%	4835 110 57208	S R503	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R664	CHIP RES. 1/10W 12kohm ±5%	4835 111 17148	R504	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R665	CHIP RES. 1/10W 4.7kohm ±5%	4835 111 17166	R505	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R666	METAL OXIDE FILM RES. 2W 15kohm ±5%	4835 116 57041	R506	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R667	PCB JUMPER	0000 00J W5.0T	R509	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R668	METAL OXIDE FILM RES. 1W 56kohm ±5%	4835 116 57039	R511	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R671	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R512	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R672	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R513	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R673	CARBON RES. 1/4W 100kohm ±5%	4835 110 57185	R514	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
R676	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	R515	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R681	CARBON RES. 1/4W 12ohm ±5%	4835 110 57252	R516	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R682	FIXED METAL OXIDE FILM RES. 1W 33ohm ±5%	4835 116 57233	R517	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
S R683	FIXED METAL OXIDE FILM RES. 1W 39ohm ±5%	4835 116 57356	R518	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
R686	CARBON RES. 1/4W 100 ohm ±5%	4835 110 57003	R519	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
R687	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	R537	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R691	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	R538	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R696	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	BC501	BEAD INDUCTOR.	LLBF 00Z TU021
R701	CHIP RES. 1/10W 75ohm ±5%	4835 111 17131	CLN501	PARALLEL WIRE.	WX1L 111 4-101
R702	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000	S JK501	CRT SOCKET.	4835 265 97481
R711	CHIP RES. 1/10W 47kohm ±5%	4835 111 17408	TP501	PCB JUMPER	0000 0JW 10.0T
R712	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068	TP502	PCB JUMPER	0000 0JW 10.0T
S R810	METAL OXIDE FILM RES. 1W 8.2ohm ±5%	4835 116 67061			
S R811	CARBON RES. 1/4W 2.2kohm ±5%	4835 110 57079			
S R812	CHIP RES. 1/10W 2.2kohm ±5%	4835 111 17156			
R821	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R822	CHIP RES. 1/10W 3.9kohm ±5%	4835 111 17129			
R826	CARBON RES. 1/4W 470kohm ±5%	4835 110 57225			
R831	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
J104	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J115	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J183	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
SW101	TACT SWITCH.	4835 276 17331			
SW102	TACT SWITCH.	4835 276 17331			
SW103	TACT SWITCH.	4835 276 17331			
SW104	TACT SWITCH.	4835 276 17331			
SW105	TACT SWITCH.	4835 276 17331			
SW106	TACT SWITCH.	4835 276 17331			
S AC601	AC CORD.	4835 321 17153			
B-6	HEAT SINK(PFB)ASSEMBLY	0000 EM4 06029			
B-7	HEAT SINK(PFA)	0000 EM4 06027			
B-10	JACK HOLDER-D47.	0000 EM4 04325			
B-12	CLOTH.	0000 EM4 02149			
BC101	BEAD INDUCTOR.	LLBF 00Z TU021			
BC571	BEAD INDUCTOR.	LLBF 00S TU026			
BC601	BEAD INDUCTOR.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR.	LLBF 00Z TU021			
BC651	BEAD INDUCTOR.	LLBF 00Z TU021			
BC652	BEAD INDUCTOR.	LLBF 00Z TU021			
BC653	BEAD INDUCTOR.	LLBF 00Z TU021			
BC691	BEAD INDUCTOR.	LLBF 00Z TU021			
BC692	BEAD INDUCTOR.	LLBF 00Z TU021			
CF301	4.5M TRAP.	4835 153 97073			
CF302	4.5M FILTER.	4835 153 97071			
CLN301	WIRE ASSEMBLY.	WX1L 110 0-102			
S F601	FUSE 4A/125V	4835 253 97153			
FH601	FUSE HOLDER.	XH01 Z00 LY001			
FH602	FUSE HOLDER.	XH01 Z00 LY001			
S GP641	GAP. FNR-G3.10D.	4835 252 27025			
JK701	RCA JACK.	4835 265 97455			
JK702	RCA JACK.	4835 265 97456			
JK801	EARPHONE JACK.	4835 265 97306			
L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080			
S PS691	THERMISTOR	4835 100 97281			
RCV101	REMOCOM RECEIVE UNIT	4835 210 27062			
S RL601	POWER RELAY.	4835 280 97034			
S SA601	SURGE ABSORBER	4835 252 27017			
SF1	SAW FILTER	4835 153 97074			
S T571	FLYBACK TRANS.	4835 140 67209			
T572	HORIZONTAL DRIVE TRANS LP2-004	4835 148 87394			
S T601	SWITCHING TRANS KOF12F-0201	4835 148 87417			
TP300	PCB JUMPER	0000 0JW 12.5T			
TP301	PCB JUMPER	0000 0JW 15.0T			
TP601	PCB JUMPER	0000 0JW 12.5T			

S = Safety Part Be sure to use exact replacement part.

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CABINET PARTS

	CABINET PARTS	
A1X	FRONT CABINET ASSEMBLY	4835 444 47165
A-1	FRONT CABINET.	0000 EMO 00494
A-3	CONTROL PLATE.	4835 444 67225
A-2	REAR CABINET.	0000 EMO 00481
S A-4	RATING LABEL	0000 EM4 06215
A-5	PATENT NO. LABEL	0000 EM4 05358
B-1	TENSION SPRING	4835 492 37025
B-2	CRT MOUNTING SCREW	0000 EM4 03023
B-3	PCB HOLDER	0000 EM3 01412
B-4	SPEAKER HOLDER	0000 EM4 06030
B-11	CLOTH.	0000 EM4 00076
S B-14	CRITICAL PARTS WARNING LABEL	0000 024 LH199
S B-20	DEGAUSS HOLDER	0000 EM4 02001
L-8	SCREW, P-TIGHT 4X18 BIND HEAD +	0000 GBM P4180
L-9	SCREW TAPPING M4X12.	0000 DBU 14120
L-13	SCREW, P-TIGHT 3X12 BIND HEAD+	0000 GBM P3120
CLN551	CRT GND WIRE	WXIL 772 0-001
CLN801	WIRE ASSEMBLY.	WXIL 920 0-001
I691	DEGAUSSING COIL.	4835 157 97103
SP801	SPEAKER.	4835 240 17023

PACKING

	PACKING	
S-1	CARTON	0000 EM4 06222
S-2	STYROFOAM TOP ASSEMBLY	0000 EM4 06308
S-3	STYROFOAM BOTTOM ASSEMBLY.	0000 EM4 06309
S-4	SET SHEET.	0000 EM4 02369
S-5	SERIAL NO. LABEL	0000 EM4 06216
S-6	HOLD PAD	0000 EM4 05042

ACCESSORIES

	ACCESSORIES	
X-1	REMOCOM UNIT	4835 218 37315
REMOTE	REMOCOM UNIT	4835 218 37315
X-2	DRY BATTERY.	4835 138 17012
S X-3	OWNER'S MANUAL	001B 827 6E001
X-6	POLYETHYLENE BAG	0000 023 25350
S X-7	IMPORTANT SAFEGUARDS	0000 EMN 01307
X-8	SERVICE CONTRACT CARD.	0000 EMN 01647
X-9	SERVICE CENTER MAP	0000 VMN 01909
X-10	REGISTRATION CARD.	0000 VMN 02631
X-11	SERVICE CONTRACT LABEL	0000 EMN 01624

CRT ASSEMBLY

	CRT ASSEMBLY	
S L551	DEFLECTION YOKE KYD3GDA82X (USED W/A34A GT13X CRT)	4835 150 17174
S V501	CRT A34AGT13X (USES KYD3GDA82X YOKE).	4835 131 97027
V501-1	C.P. MAGNET	XMO4 000 BV003
V501-2	WEDGE.	XV10 000 T4001
S L551	DEFLECTION YOKE LLBY00ZSY002 (USED W/A34 4KPU02XX CRT)	4835 150 17162
S V501	CRT A34KPU02XX (USES LLBY00ZSY002 YOKE)	4835 131 97015
S V501	CRT A34LEX10X (USES KYD3GCB05X YOKE)	4835 131 97015
S L551	DEFLECTION YOKE KYD3GCB05X (USED W/A34 KPU02XX CRT)	4835 150 17171
S V501	CRT A34JQL90X(W) (USES KYD3GD591X YOKE)	4835 131 97015
S L551	DEFLECTION YOKE KYD3GD591X (USED W/A34J LL90X CRT)	4835 150 17162
S V501	CRT A34KQW42X (USES LLBY00ZSY002 YOKE)	4835 131 97015
S L551	DEFLECTION YOKE LLBY00ZSY002 (USED W/A 34LRQ90X CRT)	4835 150 17162
S V501	CRT A34LRQ90X(VW) (USES LLBY00ZSY003 YO KE)	4835 131 97015
S L551	DEFLECTION YOKE LLBY00ZSY003 (USED W/A3 4LRQ90X CRT)	4835 150 17175
V501-3	RUBBER MAGNET.	XM05 000 BV001

MAIN CBA

	MAIN CBA	
C 5	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C 6	ELECTROLYTIC CAP. 4.7mF/50V ±20%	4835 124 47506
C107	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B).	4835 122 87255
C111	ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073
C112	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C113	CERAMIC CAP.(AX) 0.01mF/25V ±80%/-20% (B).	4835 125 17009
C125	CHIP CERAMIC CAP. 47pF/50V ±5% (CH)	4835 122 87148
C130	CERAMIC CAP.(AX) 220pF/50V ±10% (B)	4835 122 47006
C131	CHIP CERAMIC CAP. 100pF/50V ±5% (CH)	4835 122 87193
C132	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)	4835 122 87137
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20%	4835 124 47506
C139	CHIP CERAMIC CAP. 0.1mF/25V ±80%/-20%	4835 122 87213
C155	ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073
C161	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835 122 87255
C162	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)	4835 122 87162
C171	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)	4835 122 87137
C172	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)	4835 122 87137
C173	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C174	FILM CAP.(P) 0.001mF/50V ±5%	4822 121 43191

S = Safety Part Be sure to use exact replacement part.

C302	ELECTROLYTIC CAP. 220mF/10V ±20%	4835 124 47099
C303	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835 122 87255
C306	CHIP CERAMIC CAP. 330pF/50V ±5% (CH)	4835 122 87032
C308	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835 122 87255
C309	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C322	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C323	FILM CAP.(P) 0.1mF/50V ±5%	4835 122 47451
C325	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C326	CERAMIC CAP.(AX) 0.01mF/25V ±80%/-20% (B)	4835 125 17009
C328	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
C331	CHIP CERAMIC CAP. 4.7pF/50V ±5% (CH)	4835 122 87148
C332	CERAMIC CAP.(AX) 0.1mF/50V Z+80%/-20% (F)	4835 122 47162
C334	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C341	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C342	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B)	4835 122 47704
C344	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835 124 47155
C345	CERAMIC CAP.(AX) 0.1mF/50V Z+80%/-20% (F)	4835 122 47162
C351	ELECTROLYTIC CAP. 470mF/10V ±20%	4835 124 47286
C353	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)	4835 122 87162
C361	CHIP CERAMIC CAP. 270pF/50V ±5% (CH)	4835 122 87146
C363	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL	4835 124 47183
C365	CERAMIC CAP.(AX) 3900pF/16V ±10% (X)	4835 122 47677
C367	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835 122 87255
C371	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835 124 47155
C372	CHIP CERAMIC CAP. 33pF/50V ±5% (CH)	4835 122 87138
C374	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835 122 87255
C375	FILM CAP.(P) 0.047mF/50V ±5%	4835 121 47456
C376	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 20000
C393	CHIP CERAMIC CAP. 0.1mF/25V ±80%/-20%	4835 122 87213
C396	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
C551	ELECTROLYTIC CAP. 4.7mF/35V ±20%	4835 124 97066
C552	FILM CAP.(P) 0.1mF/50V ±5%	4835 122 47451
C554	ELECTROLYTIC CAP. 100mF/35V ±20%	4835 124 47284
C562	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL	4835 124 47183
C566	ELECTROLYTIC CAP. 1000mF/25V ±20%	4835 124 47007
C568	ELECTROLYTIC CAP. 3.3mF/50V ±20%	4835 124 47052
S C571	PP CAP. 0.33mF/200V ±5%	4835 121 47692
S C574	ELECTROLYTIC CAP. 4.7mF/250V ±20%	4835 124 47465
C577	ELECTROLYTIC CAP. 47mF/35V ±20%	4835 124 97066
C578	FILM CAP.(P) 0.01mF/50V ±5%	4835 121 47461
S C580	METALLIZED FILM CAP. 0.0082mF/1.6kV ±5%	4835 121 47491
S C584	ELECTROLYTIC CAP. 1mF/160V ±20%	4835 124 47516
S C594	ELECTROLYTIC CAP. 10mF/50V ±20%	4835 124 47037
S C601	METALLIZED FILM CAP. 0.1mF/250V	4835 121 47025
C605	CERAMIC CAP. 0.01mF/500V Z+80%/-20% (F)	4835 122 47601
C606	CERAMIC CAP. 0.01mF/500V Z+80%/-20% (F)	4835 122 47601
C609	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
S C610	ALMINIUM ELECTROLYTIC CAP 150mF/200V	4835 124 97105
C611	FILM CAP.(P) 0.022mF/50V ±5%	4835 121 47263
C612	CERAMIC CAP. LB 330pF/2kV	4835 122 47573
C614	CERAMIC CAP.(AX) 560pF/50V ±10% (B)	4835 122 47206
C617	CERAMIC CAP.(AX) 330pF/50V ±10% (B)	4835 122 47047
C618	FILM CAP.(P) 0.039mF/50V ±5%	4835 121 47691
C621	CERAMIC CAP.(AX) 560pF/50V ±10% (B)	4835 122 47206
C622	CERAMIC CAP.(AX) 1000pF/50V ±10% (B)	4835 122 47004
S C642	SAFETY CAP. 10000pF/250V	4835 122 97123
S C643	SAFETY CAP. 10000pF/250V	4835 122 97123
C650	CERAMIC CAP. LB 220pF/2kV	4835 122 47579
S C654	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C656	ELECTROLYTIC CAP. 100mF/160V ±20%	4835 124 47698
S C657	ELECTROLYTIC CAP. 1000mF/35V ±20%	4835 124 47143
S C658	ELECTROLYTIC CAP. 1000mF/16V ±20%	4835 124 47005
S C661	CERAMIC CAP.(AX) 0.01mF/25V ±80%/-20% (B)	4835 125 17009
C667	ELECTROLYTIC CAP. 1mF/50V ±20%	4835 124 47014
C681	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C682	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C683	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C686	ELECTROLYTIC CAP. 33mF/16V ±20%	4835 124 47306
C687	ELECTROLYTIC CAP. 100mF/10V ±20%	4835 124 47323
C805	ELECTROLYTIC CAP. 470mF/16V ±20%	4835 220 17118
C811	ELECTROLYTIC CAP. 470mF/16V ±20%	4835 220 17118
C821	CHIP CERAMIC CAP. 4700pF/50V ±10% (B)	4835 122 87326
C822	CERAMIC CAP.(AX) 0.22mF/50V Z+80%/-20% (F)	4835 122 47706
C823	CERAMIC CAP.(AX) 0.47mF/50V Z+80%/-20% (F)	4835 122 47707
CN301	CONNECTOR BASE, 5P TUC-P05B-B1	J3TU A05 TG001
S CN571	CONNECTOR BASE, 5P TV-50P-05-V3	J3TV C05 TG002
S CN691	CONNECTOR BASE, 2P TV-50P-02-V3	J3TV C02 TG002
CN801	STRAIGHT CONNECTOR BASE 00 8283 0212 00	000.
D103	ZENER DIODE MTZJT-775.6B	J383 C02 UG002
D104	ZENER DIODE MTZJT-775.6B	4835 130 37329
S D134	ZENER DIODE MTZJT-775.6B	4835 130 37329
S D181	SWITCHING DIODE ISS133(T-77)	4835 130 37235
D311	SWITCHING DIODE ISS133(T-77)	4835 130 37235
D312	SWITCHING DIODE ISS133(T-77)	4835 130 37235
D313	SWITCHING DIODE ISS133(T-77)	4835 130 37235
D324	SWITCHING DIODE ISS133(T-77)	4835 130 37235
D394	ZENER DIODE MTZJT-775.6B	4835 130 37329

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D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	R163	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
D397	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R164	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
D551	DIODE 1N5397-B	4835	130	38014	R165	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D568	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R171	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D569	ZENER DIODE MTZJT-7720B	4835	130	37965	R172	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
D571	DIODE FR104-B	4835	130	38018	R176	CHIP RES. 1/10W 390kohm ±5%	4835	111	17406
S D572	DIODE FR104-B	4835	130	38018	R181	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D573	DIODE FR104-B	4835	130	38018	R182	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D584	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R303	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D593	ZENER DIODE MTZJT-7736B	4835	130	37785	R305	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D597	ZENER DIODE MTZJT-776.8B	4835	130	37881	R306	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
S D605	DIODE 1N5397-B	4835	130	38014	R307	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D606	DIODE 1N5397-B	4835	130	38014	R308	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D607	DIODE 1N5397-B	4835	130	38014	R309	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D608	DIODE 1N5397-B	4835	130	38014	R310	CARBON RES. 1/4W 2.2kohm ±5%	4835	110	57079
S D611	ZENER DIODE MTZJT-7715B	4835	130	37604	R311	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D613	ZENER DIODE MTZJT-7715B	4835	130	37604	R312	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R313	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D621	ZENER DIODE MTZJT-773.0B	4835	130	37972	R314	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D622	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R315	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D651	RECTIFIER DIODE 15DF4	4835	130	38021	R316	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D652	DIODE FR154	4835	130	38019	R320	PCB JUMPER	0000	00J	W5.0T
S D653	DIODE FR154	4835	130	38019	R321	CARBON RES. 1/4W 1k ±5%	4835	110	57025
S D654	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R323	CARBON RES. 1/4W 22kohm ±5%	4835	110	57038
S D657	DIODE 1ZC33	4835	130	37958	R324	CARBON RES. 1/4W 10 ohm ±5%	4835	110	57002
D660	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R325	CARBON RES. 1/4W 180kohm ±5%	4835	110	57259
D661	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R326	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S D662	ZENER DIODE MTZJT-776.8B	4835	130	37881	R332	CARBON RES. 1/4W 15kohm ±5%	4835	110	57032
S D666	ZENER DIODE MTZJT-7736B	4835	130	37785	R333	CARBON RES. 1/4W 82kohm ±5%	4835	110	57061
S D671	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R334	CHIP RES. 1/10W 120kohm ±5%	4835	111	17149
D672	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R341	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
D673	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R346	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003
S D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R347	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S D691	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R348	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
D692	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R351	PCB JUMPER	0000	00J	W5.0T
D801	PCB JUMPER	0000	00J	W5.0T	R352	PCB JUMPER	0000	00J	W5.0T
D802	CARBON RES. 1/2W J 100ohm.	4835	110	47085	R361	CHIP RES. 1/10W 82ohm ±5%	4835	111	17119
S D811	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R367	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
D826	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R368	CHIP RES. 1/10W 10Mohm ±5%	4835	111	17587
S IC101	IC:TV MICON.	4835	209	17669	R369	CHIP RES. 1/10W 15kohm ±5%	4835	111	17153
IC151	IC:MEMORY.	4835	209	47421	R371	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S IC333	IC:VIDEO/CHROMA/DEFLECTION/IF/AUDIO.	4835	209	47585	R373	CHIP RES. 1/10W 390ohm ±5%	4835	111	17425
S IC551	IC:VERTICAL DEFLECTION CONTROL	4835	209	47512	R391	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S IC601	IC:ERROR VOLTAGE DET PF5001-B,C.	4835	130	48166	R392	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
IC801	AUDIO AMP IC	4835	209	47502	R393	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
L 5	INDUCTOR 22uH-K-5FT	4835	157	57373	R396	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L11	PCB JUMPER	0000	00J	W5.0T	R397	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L15	INDUCTOR 0.82uH-J-26T	4835	157	58276	R551	CARBON RES. 1/4W 4.7ohm ±5%	4835	110	57212
L111	INDUCTOR 22uH-K-5FT	4835	157	57373	S R552	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L112	INDUCTOR 22uH-J-26T	4835	157	57641	R553	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L302	PCB JUMPER	0000	00J	W5.0T	S R554	CARBON RES. 1/4W 3.9ohm ±5%	4835	110	57281
L304	INDUCTOR 1.0uH-K-26T	4835	157	58144	R556	CARBON RES. 1/4W 1k ±5%	4835	110	57025
L325	INDUCTOR 100uH-K-5FT	4835	157	57798	R557	CARBON RES. 1/4W 1k ±5%	4835	110	57025
L361	INDUCTOR 10uH-J-26T	4835	157	57643	R558	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
L373	INDUCTOR 2.2uH-J-26T	4835	157	57639	R559	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
S L601	LINE FILTER.	4835	154	97205	R561	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
L692	PCB JUMPER	0000	00J	W7.5T	R562	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
Q111	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R563	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S Q571	H-OUTPUT TT2084.	4835	130	48223	R564	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R566	CARBON RES. 1/4W 22ohm ±5%	4835	110	57035
S Q601	SWITCHING 2SK2872-54MR	4835	130	48226	R569	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S Q602	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	S R571	METAL OXIDE FILM RES. 2W 470ohm ±5%	4835	116	67277
S Q662	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	S R575	CARBON RES. 1/4W 47 ohm ±5%	4835	110	57019
S Q671	SWITCHING 2SA1175(F) "PNP"	4835	130	47645	S R576	CARBON RES. 1/4W 47 ohm ±5%	4835	110	57019
Q676	SWITCHING CONTROL BALF4M-T	4835	130	48204	S R577	PCB JUMPER	0000	00J	W5.0T
Q681	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	R578	CARBON RES. 1/4W 560ohm ±5%	4835	110	57052
Q682	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	R579	CARBON RES. 1/4W 1k ±5%	4835	110	57025
Q683	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	R581	PCB JUMPER	0000	00J	W5.0T
Q831	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	S R583	METAL FILM RES. (STRAIGHT)2W 1.8ohm ±5%	4835	116	67311
R101	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	S R584	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R102	CHIP RES. 1/10W 1.8kohm ±5%	4835	111	17154	S R588	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R103	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R589	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R104	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R591	CHIP RES. 1/10W 180kohm ±5%	4835	111	17365
R105	CHIP RES. 1/10W 8.2kohm ±5%	4835	111	17416	R592	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R106	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027	R593	CHIP RES. 1/10W 68kohm ±5%	4835	111	17172
R107	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R594	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R111	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003	R597	CARBON RES. 1/4W 8.2kohm ±5%	4835	110	57264
R121	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R598	CARBON RES. 1/4W 47kohm ±5%	4835	110	57189
R122	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R599	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
R123	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R601	CEMENT RES. 5W 1.2ohm ±10%	4835	113	87008
R124	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R602	CARBON RES. 1/4W 820kohm ±5%	4835	110	57344
R125	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	R603	CARBON RES. 1/4W 820kohm ±5%	4835	110	57344
R126	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	R611	CARBON RES. 1/4W 270ohm ±5%	4835	110	57041
R127	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152	R612	CARBON RES. 1/4W 270ohm ±5%	4835	110	57041
R128	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	S R613	FIXED METAL OXIDE FILM RES. 2W 0.47ohm ±5%	4835	116	57581
R131	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R614	CARBON RES. 1/4W 2.0ohm ±5%	4835	110	57036
R132	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R616	CARBON RES. 1/4W 10kohm ±5%	4835	110	57026
R133	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R621	CARBON RES. 1/4W 1.5kohm ±5%			

MT1331B101 (continued)

R653	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	S R502	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R654	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	S R503	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
R655	CARBON RES. 1/4W 1k ±5%	4835 110 57025	R504	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R656	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	R505	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R657	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	R506	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R660	CARBON RES. 1/4W 1k ±5%	4835 110 57025	R509	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R661	CARBON RES. 1/4W 33kohm ±5%	4835 110 57211	R511	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
S R662	CARBON RES. 1/4W 180kohm ±5%	4835 110 57259	R512	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R664	CHIP RES. 1/10W 12kohm ±5%	4835 111 17148	R513	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R665	CHIP RES. 1/10W 4.7kohm ±5%	4835 111 17166	R514	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R666	METAL OXIDE FILM RES. 2W 12kohm ±5%	4835 116 57076	R515	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R667	PCB JUMPER	0000 00J W5.0T	R516	CARBON RES. 1/4W 560ohm ±5%	4835 110 57046
S R668	METAL OXIDE FILM RES. 1W 56kohm ±5%	4835 116 57039	R517	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
R671	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R518	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
R672	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R519	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
R673	CARBON RES. 1/4W 100kohm ±5%	4835 110 57185	R537	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R676	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	R538	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R681	CARBON RES. 1/4W 12ohm ±5%	4835 110 57252	BC501	BEAD INDUCTOR.	LLBF 00Z TU021
S R682	FIXED METAL OXIDE FILM RES. 1W 33ohm ±5%	4835 116 57233	CLN501	PARALLEL WIRE.	WX1L 100 0-102
S R683	FIXED METAL OXIDE FILM RES. 1W 39ohm ±5%	4835 116 57356	S JK501	CRT SOCKET	4835 265 97453
R686	CARBON RES. 1/4W 100 ohm ±5%	4835 110 57003	TP501	PCB JUMPER	0000 0JW 10.0T
R687	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	TP502	PCB JUMPER	0000 0JW 10.0T
S R691	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032			
S R810	METAL OXIDE FILM RES. 1W 8.2ohm ±5%	4835 116 67061			
S R811	CARBON RES. 1/4W 2.2kohm ±5%	4835 110 57079			
R812	CHIP RES. 1/10W 2.2kohm ±5%	4835 111 17156			
R821	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R822	CHIP RES. 1/10W 3.9kohm ±5%	4835 111 17129			
R826	CARBON RES. 1/4W 470kohm ±5%	4835 110 57225			
R831	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
J104	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J115	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J183	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
SW101	TACT SWITCH.	4835 276 17331			
SW102	TACT SWITCH.	4835 276 17331			
SW103	TACT SWITCH.	4835 276 17331			
SW104	TACT SWITCH.	4835 276 17331			
SW105	TACT SWITCH.	4835 276 17331			
SW106	TACT SWITCH.	4835 276 17331			
S AC601	AC CORD.	4835 321 17153			
B-6	HEAT SINK(PFC)ASSEMBLY	0000 EM4 06060			
B-7	HEAT SINK(PFA)	0000 EM4 06027			
B-12	CLOTH.	0000 EM4 02149			
BC101	BEAD INDUCTOR.	LLBF 00Z TU021			
BC571	BEAD INDUCTOR.	LLBF 00S TU026			
BC601	BEAD INDUCTOR.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR.	LLBF 00Z TU021			
BC651	BEAD INDUCTOR.	LLBF 00Z TU021			
BC652	BEAD INDUCTOR.	LLBF 00Z TU021			
BC653	BEAD INDUCTOR.	LLBF 00Z TU021			
BC691	BEAD INDUCTOR.	LLBF 00Z TU021			
BC692	BEAD INDUCTOR.	LLBF 00Z TU021			
CF1	40.4M TRAP	4835 153 97075			
CF301	4.5M TRAP.	4835 153 97073			
CF302	4.5M FILTER.	4835 153 97071			
CLN301	WIRE ASSEMBLY.	WX1L 970 0-104			
S F601	FUSE 4A/125V	4835 253 97153			
FH601	FUSE HOLDER.	XH01 Z00 LY001			
FH602	FUSE HOLDER.	XH01 Z00 LY001			
S GP641	GAP. FNR-G3.10D.	4835 252 27025			
JK801	EARPHONE JACK.	4835 265 97306			
L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GEM B3080			
S PS691	TERMINATOR.	QNZZ 45B L7R0A			
RCV101	REMOCON RECEIVE UNIT	4835 210 27062			
S SA601	SURGE ABSORBER	4835 252 27017			
SF1	SAW FILTER	4835 153 97074			
S T571	FLYBACK TRANSFORMER JF0501-2406.	4835 140 67211			
T572	HORIZONTAL DRIVE TRANS LP2-005.	4835 148 87413			
S T601	SWITCHING TRANS K0F12F-0202.	4835 148 87418			
TP300	PCB JUMPER	0000 0JW 12.5T			
TP301	PCB JUMPER	0000 0JW 15.0T			
TP601	PCB JUMPER	0000 0JW 12.5T			
TU1	TUNER.	4835 210 47118			
S VR661	CARBON P.O.T. 30kohm B	4835 100 97575			
X101	CERAMIC RESONATOR.	4835 242 77163			
X331	CRYSTAL OSCILLATOR 3.579545 MHz.	FXD3 55L LN003			

CRT CBA

C501	CRT CBA	
C502	CHIP CERAMIC CAP. 270pF/50V ±5% (CH)	4835 122 87146
C503	CHIP CERAMIC CAP. 270pF/50V ±5% (CH)	4835 122 87146
C504	ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073
C510	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
CN501	PIN CONNECTOR 005P-5100.	JTEA 001 TG001
L501	INDUCTOR 180uH-J-5FT	4835 157 58066
Q501	RED AMP 2SC2482 TPE6	4835 130 48046
Q502	RED AMP 2SC2482 TPE6	4835 130 48046
Q503	RED AMP 2SC2482 TPE6	4835 130 48046
S R501	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019

S = Safety Part Be sure to use exact replacement part.

CABINET PARTS

CABINET PARTS	
A1X	CABINET PARTS
A1X	FRONT CABINET ASSEMBLY
A-1	FRONT CABINET
A-3	CONTROL PLATE
A-2	REAR CABINET
S A-4	RATING LABEL
A-5	PATENT NO. LABEL
B-1	TENSION SPRING
B-2	CRT MOUNTING SCREW
B-3	PCB HOLDER
B-4	SPEAKER HOLDER
B-11	CLOTH
S B-14	CRITICAL PARTS WARNING LABEL
S B-20	DEGAUSS HOLDER
L-8	SCREW, P-TIGHT 4X18 BIND HEAD +
L-9	SCREW TAPPING M4X12
L-13	SCREW, P-TIGHT 3X12 BIND HEAD+
CLN1	WIRE ASSEMBLY FM ANTENNA
CLN551	CRT GND WIRE
CLN801	WIRE ASSEMBLY
L691	DEGAUSSING COIL
SP801	SPEAKER

PACKING

PACKING	
S-1	CARTON
S-2	STYROFOAM TOP ASSEMBLY
S-3	STYROFOAM BOTTOM ASSEMBLY
S-4	SET SHEET
S-5	SERIAL NO. LABEL
S-6	HOLD PAD

ACCESSORIES

ACCESSORIES	
X-1	REMOCON UNIT
REMOTE	REMOCON UNIT
X-2	DRY BATTERY
S X-3	OWNER'S MANUAL
X-6	POLYETHYLENE BAG
S X-7	IMPORTANT SAFEGUARDS
X-8	SERVICE CONTRACT CARD
X-9	SERVICE CENTER MAP
X-10	REGISTRATION CARD
X-11	SERVICE CONTRACT LABEL

CRT ASSEMBLY

CRT ASSEMBLY	
S L551	DEFLECTION YOKE KDY3GDA82X (USED W/A34A GT13X CRT)
S V501	CRT A34AGT13X (USES KDY3GDA82X YOKE)
V501-1	C.P. MAGNET
V501-2	WEDGE
S L551	DEFLECTION YOKE LLBY00ZSY002 (USED W/A3 4KPU02XX CRT)
S V501	CRT A34KPU02XX (USES LLBY00ZSY002 YOKE)
S V501	CRT A34LEX10X (USES KDY3GCB05X YOKE)
S L551	DEFLECTION YOKE KDY3GCB05X (USED W/A3 KPU02XX CRT)
S V501	CRT A34JLL90X(W) (USES KDY3GD591X YOKE)
S L551	DEFLECTION YOKE KDY3GD591X (USED W/A34J LL90X CRT)
S V501	CRT A34KQW42X (USES LLBY00ZSY002 YOKE)
S L551	DEFLECTION YOKE LLBY00ZSY002 (USED W/A 34LRQ90X CRT)
S V501	CRT A34LRQ90X(VW) (USES LLBY00ZSY003 YO KE)
S L551	DEFLECTION YOKE LLBY00ZSY003 (USED W/A3 4LRQ90X CRT)
V501-3	RUBBER MAGNET

MAIN CBA

MAIN CBA	
C 5	ELECTROLYTIC CAP. 100mF/10V ±20%
C 6	ELECTROLYTIC CAP. 4.7mF/50V ±20%
C21	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)
C107	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)
C111	ELECTROLYTIC CAP. 4.7mF/16V ±20%
C112	ELECTROLYTIC CAP. 100mF/10V ±20%
C113	CERAMIC CAP.(AX) 0.01mF/25V ±80%/-20% (B)
C125	CHIP CERAMIC CAP. 47pF/50V ±5% (CH)
C130	CERAMIC CAP.(AX) 220pF/50V ±10% (B)
C131	CHIP CERAMIC CAP. 100pF/50V ±5% (CH)
C132	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20%
C139	CHIP CERAMIC CAP. 0.1mF/25V ±80%/-20%
C155	ELECTROLYTIC CAP. 47mF/16V ±20%
C161	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)
C162	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)
C171	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)
C172	CHIP CERAMIC CAP. 220pF/50V ±5% (CH)

S = Safety Part Be sure to use exact replacement part.

C173	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C174	FILM CAP.(P) 0.001mF/50V ±5%	4832	121	43191
C302	ELECTROLYTIC CAP. 220mF/10V ±20%	4835	124	47099
C303	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835	122	87255
C306	CHIP CERAMIC CAP. 330pF/50V ±5% (CH)	4835	122	87032
C308	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835	122	87255
C309	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C322	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C323	FILM CAP.(P) 0.1mF/50V ±5%	4835	122	47451
C325	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C326	CERAMIC CAP.(AX) 0.01mF/25V ±80%/-20% (B)	4835	125	17009
C328	ELECTROLYTIC CAP. 10mF/50V ±20%	4835	124	47037
C331	CHIP CERAMIC CAP. 47pF/50V ±5% (CH)	4835	122	87148
C332	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835	122	47162
C334	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C341	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C342	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B)	4835	122	47704
C343	ELECTROLYTIC CAP. 0.1mF/50V ±20%	4835	124	47048
C344	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835	124	47155
C345	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835	122	47162
C351	ELECTROLYTIC CAP. 47mF/10V ±20%	4835	124	47286
C353	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)	4835	122	87162
C361	CHIP CERAMIC CAP. 270pF/50V ±5% (CH)	4835	122	87146
C363	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL	4835	124	47183
C364	ELECTROLYTIC CAP. 2.2mF/50V ±20%	4835	124	47049
C365	CERAMIC CAP.(AX) 3900pF/16V ±10% (X)	4835	122	47677
C367	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835	122	87255
C371	ELECTROLYTIC CAP. 0.47mF/50V ±20%	4835	124	47155
C372	CHIP CERAMIC CAP. 33pF/50V ±5% (CH)	4835	122	87138
C374	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B)	4835	122	87255
C375	FILM CAP.(P) 0.047mF/50V ±5%	4835	121	47456
C376	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 20000		
C393	CHIP CERAMIC CAP. 0.1mF/25V +80%/-20%	4835	122	87213
C396	ELECTROLYTIC CAP. 10mF/50V ±20%	4835	124	47037
C551	ELECTROLYTIC CAP. 47mF/35V ±20%	4835	124	97066
C552	FILM CAP.(P) 0.1mF/50V ±5%	4835	122	47451
C554	ELECTROLYTIC CAP. 100mF/35V ±20%	4835	124	47284
C562	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL	4835	124	47183
C566	ELECTROLYTIC CAP. 1000mF/25V ±20%	4835	124	47007
C568	ELECTROLYTIC CAP. 3.3mF/50V ±20%	4835	124	47052
S C571	PP CAP. 0.33mF/200V ±5%	4835	121	47692
S C574	ELECTROLYTIC CAP. 4.7mF/250V ±20%	4835	124	47465
C577	ELECTROLYTIC CAP. 47mF/35V ±20%	4835	124	97066
C578	FILM CAP.(P) 0.01mF/50V ±5%	4835	121	47461
S C580	METALLIZED FILM CAP. 0.0082mF/1.6kV ±5%	4835	121	47491
S C584	ELECTROLYTIC CAP. 1mF/160V ±20%	4835	124	47516
S C594	ELECTROLYTIC CAP. 10mF/50V ±20%	4835	124	47037
S C601	METALLIZED FILM CAP. 0.1mF/250V	4835	121	47025
C605	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835	122	47601
C606	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835	122	47601
C609	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835	122	37048
S C610	ALMINIUM ELECTROLYTIC CAP. 150mF/200V	4835	124	97105
C611	FILM CAP.(P) 0.022mF/50V ±5%	4835	121	47263
C612	CERAMIC CAP. LB 330pF/2kV	4835	122	47573
C614	CERAMIC CAP.(AX) 560pF/50V ±10% (B)	4835	122	47206
C617	CERAMIC CAP.(AX) 330pF/50V ±10% (B)	4835	122	47047
C618	FILM CAP.(P) 0.039mF/50V ±5%	4835	121	47691
C621	CERAMIC CAP.(AX) 560pF/50V ±10% (B)	4835	122	47206
C622	CERAMIC CAP.(AX) 1000pF/50V ±10% (B)	4835	122	47004
S C642	SAFETY CAP. 10000pF/250V	4835	122	97123
S C643	SAFETY CAP. 10000pF/250V	4835	122	97123
C650	CERAMIC CAP. LB 220pF/2kV	4835	122	47579
S C654	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C656	ELECTROLYTIC CAP. 100mF/160V ±20%	4835	124	47698
S C657	ELECTROLYTIC CAP. 1000mF/35V ±20%	4835	124	47143
S C658	ELECTROLYTIC CAP. 1000mF/16V ±20%	4835	124	47005
S C661	CERAMIC CAP.(AX) 0.01mF/25V +80%/-20% (B)	4835	125	17009
C667	ELECTROLYTIC CAP. 1mF/50V ±20%	4835	124	47014
C681	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C682	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C683	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C686	ELECTROLYTIC CAP. 33mF/16V ±20%	4835	124	47306
C687	ELECTROLYTIC CAP. 100mF/10V ±20%	4835	124	47323
C701	CHIP CERAMIC CAP. 100pF/50V ±5% (CH)	4835	122	87193
C711	CERAMIC CAP.(AX) 3300pF/16V ±10% (X)	4835	122	47475
C805	ELECTROLYTIC CAP. 470mF/16V ±20%	4835	220	17118
C811	ELECTROLYTIC CAP. 470mF/16V ±20%	4835	220	17118
C821	CHIP CERAMIC CAP. 4700pF/50V ±10% (B)	4835	122	87326
C822	CERAMIC CAP.(AX) 0.22mF/50V Z+80/-20% (F)	4835	122	47706
C823	CERAMIC CAP.(AX) 0.47mF/50V Z+80/-20% (F)	4835	122	47707
CN101	STRAIGHT CONNECTOR BASE 00 8283 0212 00	J383 C02 UG002		
CN301	CONNECTOR BASE, 5P TUC-P05P-B1	J3TU A05 TG001		
S CN571	CONNECTOR BASE, 5P TV-50P-05-V3	J3TV C05 TG002		
S CN691	CONNECTOR BASE, 2P TV-50P-02-V3	J3TV C02 TG002		
CN801	STRAIGHT CONNECTOR BASE 00 8283 0212 00	J383 C02 UG002		
D103	ZENER DIODE MTZJT-775.6B	4835	130	37329

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S D104	ZENER DIODE MTZJT-775.6B	4835	130	37329	R126	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152
S D134	ZENER DIODE MTZJT-775.6B	4835	130	37329	R127	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152
S D181	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R128	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D311	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R131	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D312	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R132	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D313	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R133	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166
D324	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R134	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
D394	ZENER DIODE MTZJT-775.6B	4835	130	37329	R135	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	R136	CARBON RES. 1/4W 22kohm ±5%	4835	110	57038
D397	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R155	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D551	DIODE 1N5397-B	4835	130	38014	R164	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D568	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R166	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D569	ZENER DIODE MTZJT-7720B.	4835	130	37965	R171	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D571	DIODE FR104-B.	4835	130	38018	R172	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
S D572	DIODE FR104-B.	4835	130	38018	R176	CHIP RES. 1/10W 390kohm ±5%	4835	111	17406
S D573	DIODE FR104-B.	4835	130	38018	R181	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D584	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R182	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D593	ZENER DIODE MTZJT-7736B.	4835	130	37785	R303	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D597	ZENER DIODE MTZJT-776.8B	4835	130	37881	R305	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S D605	DIODE 1N5397-B	4835	130	38014	R306	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
S D606	DIODE 1N5397-B	4835	130	38014	R307	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D607	DIODE 1N5397-B	4835	130	38014	R308	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D608	DIODE 1N5397-B	4835	130	38014	R309	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D611	ZENER DIODE MTZJT-7715B.	4835	130	37604	R310	CARBON RES. 1/4W 2.2kohm ±5%	4835	110	57079
S D613	ZENER DIODE MTZJT-7715B.	4835	130	37604	R311	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D615	SWITCHING DIODE 1N4148 T-77.	4835	130	37048	R312	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D621	ZENER DIODE MTZJT-773.0B	4835	130	37972	R313	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D622	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R314	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D651	RECTIFIER DIODE 15DF4.	4835	130	38021	R315	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D652	DIODE FR154.	4835	130	38019	R316	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D653	DIODE FR154.	4835	130	38019	R320	PCB JUMPER	0000	00J	W5.0T
S D654	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R321	CARBON RES. 1/4W 1k ±5%	4835	110	57025
S D657	DIODE 1ZC33.	4835	130	37958	R323	CARBON RES. 1/4W 22kohm ±5%	4835	110	57038
D660	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R324	CARBON RES. 1/4W 10 ohm ±5%	4835	110	57002
D661	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R325	CARBON RES. 1/4W 180kohm ±5%	4835	110	57259
S D662	ZENER DIODE MTZJT-776.8B	4835	130	37881	R326	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S D666	ZENER DIODE MTZJT-7736B.	4835	130	37785	R332	CARBON RES. 1/4W 15kohm ±5%	4835	110	57032
S D671	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R333	CARBON RES. 1/4W 82kohm ±5%	4835	110	57061
D672	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R334	CHIP RES. 1/10W 120kohm ±5%	4835	111	17149
D673	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R341	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R343	CHIP RES. 1/10W J 560ohm	4835	111	37464
S D691	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R346	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003
D692	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R347	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D801	PCB JUMPER	0000	00J	W5.0T	R348	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
D802	CARBON RES. 1/2W J 100ohm.	4835	110	47085	R351	PCB JUMPER	0000	00J	W5.0T
S D811	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R352	PCB JUMPER	0000	00J	W5.0T
D826	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R361	CHIP RES. 1/10W 82ohm ±5%	4835	111	17119
S IC101	IC:TV MICON.	4835	209	17669	R364	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
IC151	IC:MEMORY.	4835	209	47421	R367	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S IC333	IC:VIDEO/CHROMA/DEFLECTION/IF/AUDIO. .	4835	209	47585	R368	CHIP RES. 1/10W 10Mohm ±5%	4835	111	17587
S IC551	IC:VERTICAL DEFLECTION CONTROL	4835	209	47512	R369	CHIP RES. 1/10W 15kohm ±5%	4835	111	17153
S IC601	IC:ERROR VOLTAGE DET PF5001-B,C. .	4835	130	48166	R371	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
IC801	AUDIO AMP IC	4835	209	47502	R373	CHIP RES. 1/10W 390ohm ±5%	4835	111	17425
L 5	INDUCTOR 22uH-K-5FT.	4835	157	57373	R380	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L11	INDUCTOR 0.47uH-J-26T.	4835	157	58018	R391	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L15	INDUCTOR 0.82uH-J-26T.	4835	157	58276	R392	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L111	INDUCTOR 22uH-K-5FT.	4835	157	57373	R393	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
L112	INDUCTOR 22uH-J-26T.	4835	157	57641	R396	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L302	PCB JUMPER	0000	00J	W5.0T	R397	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L304	INDUCTOR 1.0uH-K-26T	4835	157	58144	R551	CARBON RES. 1/4W 4.7ohm ±5%	4835	110	57212
L325	INDUCTOR 100uH-K-5FT	4835	157	57798	S R552	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L361	INDUCTOR 10uH-J-26T.	4835	157	57643	R553	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L373	INDUCTOR 2.2uH-J-26T	4835	157	57639	S R554	CARBON RES. 1/4W 3.9ohm ±5%	4835	110	57281
L375	INDUCTOR 4.7uH-J-26T	4835	157	57374	R556	CARBON RES. 1/4W 1k ±5%	4835	110	57025
S L601	LINE FILTER.	4835	154	97205	R557	CARBON RES. 1/4W 1k ±5%	4835	110	57025
L692	PCB JUMPER	0000	00J	W7.5T	R558	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
Q111	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R559	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
S Q571	H-OUTPUT TT2084.	4835	130	48223	R561	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R562	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
S Q601	SWITCHING 2SK2872-54MR	4835	130	48226	R563	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S Q602	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R564	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
S Q662	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R566	CARBON RES. 1/4W 220ohm ±5%	4835	110	57035
S Q671	SWITCHING 2SA1175(F) "PNP"	4835	130	47645	R569	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
Q676	SWITCHING CONTROL BAI1F4M-T	4835	130	48204	S R571	METAL OXIDE FILM RES. 2W 470ohm ±5% . .	4835	116	67277
Q681	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R575	CARBON RES. 1/4W 47 ohm ±5%	4835	110	57019
Q682	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	S R576	CARBON RES. 1/4W 47 ohm ±5%	4835	110	57019
Q683	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R577	PCB JUMPER	0000	00J	W5.0T
Q831	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R578	CARBON RES. 1/4W 560ohm ±5%	4835	110	57052
R12	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000	R579	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R101	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R581	PCB JUMPER	0000	00J	W5.0T
R102	CHIP RES. 1/10W 1.8kohm ±5%	4835	111	17154	S R583	METAL FILM RES. (STRAIGHT)2W 1.8ohm ±5% .	4835	116	67311
R103	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	S R584	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R104	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R588	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R105	CHIP RES. 1/10W 8.2kohm ±5%	4835	111	17416	R589	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R106	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027	R591	CHIP RES. 1/10W 180kohm ±5%	4835	111	17365
R107	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R592	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R111	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003	R593	CHIP RES. 1/10W 68kohm ±5%	4835	111	17172
R121	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	R594	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R122	CHIP RES. 1/10W 4								

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R602	CARBON RES. 1/4W 820kohm ±5%	4835 110 57344	TU1	TUNER.	4835 210 47118
R603	CARBON RES. 1/4W 820kohm ±5%	4835 110 57344	S VR661	CARBON P.O.T. 30kohm B	4835 100 97575
R611	CARBON RES. 1/4W 270kohm ±5%	4835 110 57041	X101	CERAMIC RESONATOR.	4835 242 77163
R612	CARBON RES. 1/4W 270kohm ±5%	4835 110 57041	X331	CRYSTAL OSCILLATOR 3.579545 MHz.	FXD3 55L LN003
S R613	FIXED METAL OXIDE FILM RES. 2W 0.47ohm ±5%	4835 116 57581	CRT CBA	CRT CBA	
R614	CARBON RES. 1/4W 2.2ohm ±5%	4835 110 57036	C501	CHIP CERAMIC CAP. 270pF/50V ±5% (CH) .	4835 122 87146
R616	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	C502	CHIP CERAMIC CAP. 270pF/50V ±5% (CH) .	4835 122 87146
R621	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186	C503	CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032
R622	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	C504	ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073
R623	CARBON RES. 1/4W 330ohm ±5%	4835 110 57045	C510	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
R624	PCB JUMPER	0000 00J W5.0T	CN501	PIN CONNECTOR 005P-5100.	JTEA 001 TG001
R653	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	L501	INDUCTOR 180uH-J-5FT	4835 157 58066
S R654	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	Q501	RED AMP 2SC2482 TPE6	4835 130 48046
R655	CARBON RES. 1/4W 1k ±5%	4835 110 57025	Q502	RED AMP 2SC2482 TPE6	4835 130 48046
R656	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	Q503	RED AMP 2SC2482 TPE6	4835 130 48046
S R657	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	S R501	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
R660	CARBON RES. 1/4W 1k ±5%	4835 110 57025	S R502	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R661	CARBON RES. 1/4W 33kohm ±5%	4835 110 57211	S R503	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R662	CARBON RES. 1/4W 180kohm ±5%	4835 110 57259	R504	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R664	CHIP RES. 1/10W 12kohm ±5%	4835 111 17148	R505	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R665	CHIP RES. 1/10W 4.7kohm ±5%	4835 111 17166	R506	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R666	METAL OXIDE FILM RES. 2W 12kohm ±5%	4835 116 57076	R509	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R667	PCB JUMPER	0000 00J W5.0T	R511	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
S R668	METAL OXIDE FILM RES. 1W 56kohm ±5%	4835 116 57039	R512	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R671	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R513	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R672	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R514	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
R673	CARBON RES. 1/4W 100kohm ±5%	4835 110 57185	R515	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
R676	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	R516	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R681	CARBON RES. 1/4W 12ohm ±5%	4835 110 57252	R517	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
S R682	FIXED METAL OXIDE FILM RES. 1W 33ohm ±5%	4835 116 57233	R518	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
S R683	FIXED METAL OXIDE FILM RES. 1W 39ohm ±5%	4835 116 57356	R519	CARBON RES. 1/4W 560ohm ±5%	4835 110 57052
R686	CARBON RES. 1/4W 100 ohm ±5%	4835 110 57003	R537	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R687	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	R538	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R691	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	BC501	BEAD INDUCTOR.	LLBF 00Z TU021
R701	CHIP RES. 1/10W 75ohm ±5%	4835 111 17131	CLN501	PARALLEL WIRE.	WX1L 100 0-102
R702	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000	S JK501	CRT SOCKET.	4835 265 97453
R711	CHIP RES. 1/10W 47kohm ±5%	4835 111 17408	TP501	PCB JUMPER	0000 0JW 10.0T
R712	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068	TP502	PCB JUMPER	0000 0JW 10.0T
S R810	METAL OXIDE FILM RES. 1W 8.2ohm ±5%	4835 116 67061			
S R811	CARBON RES. 1/4W 2.2kohm ±5%	4835 110 57079			
R812	CHIP RES. 1/10W 2.2kohm ±5%	4835 111 17156			
R821	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R822	CHIP RES. 1/10W 3.9kohm ±5%	4835 111 17129			
R826	CARBON RES. 1/4W 470kohm ±5%	4835 110 57225			
R831	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
J104	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J115	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J183	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
SW101	TAUT SWITCH.	4835 276 17331			
SW102	TAUT SWITCH.	4835 276 17331			
SW103	TAUT SWITCH.	4835 276 17331			
SW104	TAUT SWITCH.	4835 276 17331			
SW105	TAUT SWITCH.	4835 276 17331			
SW106	TAUT SWITCH.	4835 276 17331			
S AC601	AC CORD.	4835 321 17153			
B-6	HEAT SINK(PFC)ASSEMBLY	0000 EM4 06060			
B-7	HEAT SINK(PFA)	0000 EM4 06027			
B-10	JACK HOLDER.	0000 EM4 04325			
B-12	CLOTH.	0000 EM4 02149			
BC101	BEAD INDUCTOR.	LLBF 00Z TU021			
BC571	BEAD INDUCTOR.	LLBF 00S TU026			
BC601	BEAD INDUCTOR.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR.	LLBF 00Z TU021			
BC651	BEAD INDUCTOR.	LLBF 00Z TU021			
BC652	BEAD INDUCTOR.	LLBF 00Z TU021			
BC653	BEAD INDUCTOR.	LLBF 00Z TU021			
BC691	BEAD INDUCTOR.	LLBF 00Z TU021			
BC692	BEAD INDUCTOR.	LLBF 00Z TU021			
CF1	40.4M TRAP	4835 153 97075			
CF301	4.5M TRAP.	4835 153 97073			
CF302	4.5M FILTER.	4835 153 97071			
CLN301	WIRE ASSEMBLY.	WX1L 970 0-104			
S F601	FUSE 4A/125V	4835 253 97153			
FH601	FUSE HOLDER.	XH01 Z00 LY001			
FH602	FUSE HOLDER.	XH01 Z00 LY001			
S GP641	GAP. FNR-G3.10D.	4835 252 27025			
JK701	RCA JACK	4835 265 97455			
JK702	RCA JACK	4835 265 97456			
JK801	EARPHONE JACK.	4835 265 97306			
L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080			
S PS691	THERMISTOR.	QNZZ 45B L7R0A			
RCV101	REMOCON RECEIVE UNIT	4835 210 27062			
S SA601	SURGE ABSORBER	4835 252 27017			
SF1	SAW FILTER.	4835 153 97074			
S T571	FLYBACK TRANSFORMER JF0501-2406.	4835 140 67211			
T572	HORIZONTAL DRIVE TRANS LP2-005	4835 148 87413			
S T601	SWITCHING TRANS KOF12F-0202.	4835 148 87418			
TP300	PCB JUMPER	0000 0JW 12.5T			
TP301	PCB JUMPER	0000 0JW 15.0T			
TP601	PCB JUMPER	0000 0JW 12.5T			

S = Safety Part Be sure to use exact replacement part.

CABINET PARTS

CABINET PARTS	
A1X	FRONT CABINET ASSEMBLY
A-1	FRONT CABINET
A-3	CONTROL PLATE
A-2	REAR CABINET
S A-4	RATING LABEL
A-5	PATENT NO. LABEL
B-1	TENSION SPRING
B-2	CRT MOUNTING SCREW
B-3	PCB HOLDER
B-4	SPEAKER HOLDER
S B-5	DEGAUSS HOLDER
B-8	AC CORD HOLDER
B-11	CLOTH
S B-14	CRITICAL PARTS WARNING LABEL
B-15	CLOTH
L-8	SCREW, P-TIGHT 4X18 BIND HEAD +
L-9	SCREW TAPPING M4X14
L-13	SCREW, P-TIGHT 3X12 BIND HEAD+
CLN551	CRT GND WIRE
CLN801	WIRE ASSEMBLY SPEAKER WIRE
L691	DEGAUSSING COIL
SP801	SPEAKER

PACKING

PACKING	
S-1	CARTON
S-2	STYROFOAM BOTTOM ASSEMBLY
S-3	STYROFOAM TOP ASSEMBLY
S-4	SET SHEET
S-5	SERIAL NO. LABEL
S-6	HOLD PAD

ACCESSORIES

ACCESSORIES	
X-1	REMOCOM UNIT
REMOTE	REMOCOM UNIT
X-2	DRY BATTERY
S X-3	OWNER'S MANUAL
X-5	POLYETHYLENE BAG
S X-7	IMPORTANT SAFEGUARDS
X-8	SERVICE CONTRACT CARD
X-9	SERVICE CENTER MAP
X-10	REGISTRATION CARD
X-11	SERVICE CONTRACT LABEL

CRT ASSEMBLY

CRT ASSEMBLY	
S L551	DEFLECTION YOKE KDY3MDA84X (USED W/A48J LL90X CRT)
S V501	CRT A48JLL90X (USES KDY3MDA84X YOKE) .
V501-1	C.P. MAGNET
V501-2	WEDGE
V501-3	RUBBER MAGNET
S L551	DEFLECTION YOKE KDY3MCB20X (USED W/A48L GS30X CRT)
S V501	CRT A48LGS30X (USES KDY3MCB20X YOKE) .
S L551	DEFLECTION YOKE CDY-M2023F (USED W/A48L RH93X CRT)
S V501	CRT A48LRH93X(W) (USES CDY-M2023F YOKE) .

MAIN CBA

MAIN CBA	
C 5	ELECTROLYTIC CAP. 100mF/10V ±20% . . .
C 6	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .
C107	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .
C111	ELECTROLYTIC CAP. 47mF/16V ±20% . . .
C112	ELECTROLYTIC CAP. 100mF/10V ±20% . . .
C113	CERAMIC CAP. (AX) 0.01mF/25V ±80%/-20% (B). .
C125	CHIP CERAMIC CAP. 47pF/50V ±5% (CH). .
C130	CERAMIC CAP. (AX) 220pF/50V ±10% (B). .
C131	CHIP CERAMIC CAP. 100pF/50V ±5% (CH). .
C132	CHIP CERAMIC CAP. 220pF/50V ±5% (CH). .
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .
C139	CHIP CERAMIC CAP. 0.1mF/25V ±80%/-20%. .
C155	ELECTROLYTIC CAP. 47mF/16V ±20% . . .
C161	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .
C162	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B). .
C171	CHIP CERAMIC CAP. 220pF/50V ±5% (CH). .
C172	CHIP CERAMIC CAP. 220pF/50V ±5% (CH). .
C173	ELECTROLYTIC CAP. 1mF/50V ±20% . . .
C174	FILM CAP. (P) 0.001mF/50V ±5% . . .
C302	ELECTROLYTIC CAP. 220mF/10V ±20% . . .
C303	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .
C306	CHIP CERAMIC CAP. 330pF/50V ±5% (CH). .
C308	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .
C309	ELECTROLYTIC CAP. 1mF/50V ±20% . . .
C322	ELECTROLYTIC CAP. 100mF/10V ±20% . . .
C323	FILM CAP. (P) 0.1mF/50V ±5% . . .
C325	ELECTROLYTIC CAP. 100mF/10V ±20% . . .

S = Safety Part Be sure to use exact replacement part.

C326	CERAMIC CAP.(AX) 0.01mF/25V +80%/-20% (B). .	4835 125 17009
C328	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
C331	CHIP CERAMIC CAP. 47pF/50V ±5% (CH). .	4835 122 87148
C332	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835 122 47162
C334	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C341	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C342	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B). .	4835 122 47704
C344	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C345	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835 122 47162
C351	ELECTROLYTIC CAP. 470mF/10V ±20% . . .	4835 124 47286
C353	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)	4835 122 87162
C361	CHIP CERAMIC CAP. 270pF/50V ±5% (CH). .	4835 122 87146
C363	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL. .	4835 124 47183
C365	CERAMIC CAP.(AX) 3900pF/16V ±10% (X). .	4835 122 47677
C367	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C371	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C372	CHIP CERAMIC CAP. 33pF/50V ±5% (CH). .	4835 122 87138
C374	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C375	FILM CAP. (P) 0.047mF/50V ±5% . . .	4835 121 47456
C376	CHIP RES. 1/10W 0ohm ±5% . . .	RXXA JB5 20000
C393	CHIP CERAMIC CAP. 0.1mF/25V +80%/-20%.	4835 122 87213
C396	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
C551	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
C552	FILM CAP.(P) 0.1mF/50V ±5% . . .	4835 122 47451
C554	ELECTROLYTIC CAP. 100mF/35V ±20% . . .	4835 124 47284
C562	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL. .	4835 124 47183
C566	ELECTROLYTIC CAP. 1000mF/25V ±20% . . .	4835 124 47007
C568	ELECTROLYTIC CAP. 3.3mF/50V ±20% . . .	4835 124 47052
S C571	PP CAP. 0.47mF/250V ±5% . . .	4835 121 47411
S C574	ELECTROLYTIC CAP. 4.7mF/250V ±20% . . .	4835 124 47465
C577	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
C578	FILM CAP. (P) 0.01mF/50V ±5% . . .	4835 121 47461
S C580	PP CAP. 0.01mF/1.6kV ±5% . . .	4835 121 47622
S C581	CERAMIC CAP. LB 1000pF/200V . . .	4835 122 47551
S C584	ELECTROLYTIC CAP. 1mF/160V ±20% . . .	4835 124 47516
S C594	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
S C601	METALLIZED FILM CAP. 0.1mF/250V. . .	4835 121 47025
C605	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835 122 47601
C606	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835 122 47601
C609	CERAMIC CAP. 1000pF/2kV ±10% (B) . .	4835 122 37048
S C610	ELECTROLYTIC CAP. 220mF/200V . . .	4835 124 47022
C611	FILM CAP. (P) 0.047mF/50V ±5% . . .	4835 121 47456
C612	CERAMIC CAP. LB 330pF/2kV. . .	4835 122 47573
C614	CERAMIC CAP.(AX) 560pF/50V ±10% (B). .	4835 122 47206
C617	CERAMIC CAP.(AX) 330pF/50V ±10% (B). .	4835 122 47047
C618	FILM CAP.(P) 0.039mF/50V ±5% . . .	4835 121 47691
C622	CERAMIC CAP.(AX) 1000pF/50V ±10% (B) .	4835 122 47004
S C642	SAFETY CAP. 10000pF/250V . . .	4835 122 97123
S C643	SAFETY CAP. 10000pF/250V . . .	4835 122 97123
C650	CERAMIC CAP. LB 220pF/2kV. . .	4835 122 47579
S C654	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C656	ELECTROLYTIC CAP. 100mF/160V ±20% . .	4835 124 47698
C657	ELECTROLYTIC CAP. 1000mF/35V ±20%. .	4835 124 47143
S C658	ELECTROLYTIC CAP. 1000mF/16V ±20% . .	4835 124 47005
S C661	CERAMIC CAP.(AX) 0.01mF/25V +80%/-20% (B). .	4835 125 17009
C667	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C681	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C682	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C683	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C686	ELECTROLYTIC CAP. 33mF/16V ±20% . . .	4835 124 47306
C687	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C692	ELECTROLYTIC CAP. 10mF/160V ±20% . . .	4835 124 47742
C805	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 220 17118
C811	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 220 17118
C821	CHIP CERAMIC CAP. 4700pF/50V ±10% (B). .	4835 122 87326
C822	CERAMIC CAP.(AX) 0.22mF/50V Z+80/-20% (F). .	4835 122 47706
C823	CERAMIC CAP.(AX) 0.47mF/50V Z+80/-20% (F). .	4835 122 47707
CN301	CONNECTOR BASE, 5P TUC-P05P-B1 . . .	J3TU A05 TG001
S CN571	CONNECTOR BASE, 5P TV-50P-05-V3. . .	J3TV C05 TG002
S CN691	CONNECTOR BASE, 2P TV-50P-02-V3. . .	J3TV C02 TG002
CN801	STRAIGHT CONNECTOR BASE 00 8283 0212 00 . . .	J383 C02 UG002
D103	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
D104	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
S D134	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
S D181	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D311	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D312	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D313	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D324	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D394	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
D396	ZENER DIODE MTZJT-778.2B . . .	4835 130 37963
D397	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
D551	DIODE 1N5397-B . . .	4835 130 38014
S D568	SWITCHING DIODE 1SS133(T-77) . . .	4835 130 37235
S D569	ZENER DIODE MTZJT-7720B. . .	4835 130 37965
D571	DIODE FR104-B. . .	4835 130 38018
S D572	DIODE FR104-B. . .	4835 130 38018

MT1905B101 (continued)

S D573	DIODE FR104-B.	4835	130	38018	R176	CHIP RES. 1/10W 390kohm ±5%.	4835	111	17406
S D584	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R181	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
S D593	ZENER DIODE MTZJT-7736B.	4835	130	37785	R182	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
D597	ZENER DIODE MTZJT-776.8B.	4835	130	37881	R303	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156
S D605	DIODE 1N5397-B	4835	130	38014	R305	CHIP RES. 1/10W 10kohm ±5%.	4835	111	27027
S D606	DIODE 1N5397-B	4835	130	38014	R306	CHIP RES. 1/10W 2.7kohm ±5%.	4835	111	17255
S D607	DIODE 1N5397-B	4835	130	38014	R307	CHIP RES. 1/10W 0ohm ±5%.	RRXA	JB5	Z0000
S D608	DIODE 1N5397-B	4835	130	38014	R308	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
S D611	ZENER DIODE MTZJT-7715B.	4835	130	37604	R309	CHIP RES. 1/10W 6.8kohm ±5%.	4835	111	17413
S D613	ZENER DIODE MTZJT-7715B.	4835	130	37604	R310	CARBON RES. 1/4W 2.2kohm ±5%.	4835	110	57079
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R311	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156
D621	ZENER DIODE MTZJT-773.0B	4835	130	37972	R312	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156
D622	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R313	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156
S D651	RECTIFIER DIODE 15DF4.	4835	130	38021	R314	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
S D652	DIODE FR154.	4835	130	38019	R315	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
S D653	DIODE FR154.	4835	130	38019	R316	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
S D654	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R320	PCB JUMPER.	0000	00J	W5.0T
S D657	DIODE 1ZC33.	4835	130	37958	R321	CARBON RES. 1/4W 1k ±5%.	4835	110	57025
D660	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R323	CARBON RES. 1/4W 33kohm ±5%.	4835	110	57211
D661	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R324	CARBON RES. 1/4W 10 ohm ±5%.	4835	110	57002
S D662	ZENER DIODE MTZJT-776.8B.	4835	130	37881	R325	CARBON RES. 1/4W 270kohm ±5%.	4835	110	57312
S D666	ZENER DIODE MTZJT-7736B.	4835	130	37785	R326	CHIP RES. 1/10W 470ohm ±5%.	4835	111	17263
S D671	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R332	CARBON RES. 1/4W 15kohm ±5%.	4835	110	57032
D672	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R333	CARBON RES. 1/4W 270kohm ±5%.	4835	110	57312
D673	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R334	CHIP RES. 1/10W 150kohm ±5%.	4835	111	17108
S D682	ZENER DIODE MTZJT-775.6B.	4835	130	37329	R341	CHIP RES. 1/10W 6.8kohm ±5%.	4835	111	17413
S D691	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R346	CARBON RES. 1/4W 100 ohm ±5%.	4835	110	57003
D692	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R347	CHIP RES. 1/10W 10kohm ±5%.	4835	111	27027
D696	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R348	CARBON RES. 1/4W 220ohm ±5%.	4835	110	57037
D801	PCB JUMPER.	0000	00J	W5.0T	R351	PCB JUMPER.	0000	00J	W5.0T
D802	CARBON RES. 1/2W J 100ohm.	4835	110	47085	R352	PCB JUMPER.	0000	00J	W5.0T
S D811	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R361	CHIP RES. 1/10W 82ohm ±5%.	4835	111	17119
D826	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R367	CHIP RES. 1/10W 0ohm ±5%.	RRXA	JB5	Z0000
S IC101	IC:TV MICON.	4835	209	17669	R368	CHIP RES. 1/10W 10Mohm ±5%.	4835	111	17587
IC151	IC:MEMORY.	4835	209	47421	R369	CHIP RES. 1/10W 15kohm ±5%.	4835	111	17153
S IC333	IC:VIDEO/CHROMA/DEFLECTION/IF/AUDIO.	4835	209	47585	R371	CHIP RES. 1/10W 470ohm ±5%.	4835	111	17263
S IC551	IC:VERTICAL DEFLECTION CONTROL.	4835	209	47512	R373	CHIP RES. 1/10W 390ohm ±5%.	4835	111	17425
S IC601	IC:ERROR VOLTAGE DET PF5001-B,C.	4835	130	48166	R391	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
IC801	AUDIO AMP IC.	4835	209	47502	R392	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432
L 5	INDUCTOR 22uH-K-5FT.	4835	157	57373	R393	CHIP RES. 1/10W 1kohm ±5%.	4835	111	17068
L11	PCB JUMPER.	0000	00J	W5.0T	R396	CARBON RES. 1/4W 220ohm ±5%.	4835	110	57037
L15	INDUCTOR 0.82uH-J-26T.	4835	157	58276	R397	CARBON RES. 1/4W 220ohm ±5%.	4835	110	57037
L111	INDUCTOR 22uH-K-5FT.	4835	157	57373	R551	CARBON RES. 1/4W 4.7ohm ±5%.	4835	110	57212
L112	INDUCTOR 22uH-J-26T.	4835	157	57641	S R552	CARBON RES. 1/4W 1ohm ±5%.	4835	110	57229
L302	PCB JUMPER.	0000	00J	W5.0T	R553	CARBON RES. 1/4W 1ohm ±5%.	4835	110	57229
L304	INDUCTOR 1.0uH-K-26T.	4835	157	58144	S R554	CARBON RES. 1/4W 3.9ohm ±5%.	4835	110	57281
L325	INDUCTOR 100uH-K-5FT.	4835	157	57798	R556	CARBON RES. 1/4W 1k ±5%.	4835	110	57025
L361	INDUCTOR 10uH-J-26T.	4835	157	57643	R557	CARBON RES. 1/4W 1k ±5%.	4835	110	57025
L373	INDUCTOR 2.2uH-J-26T.	4835	157	57639	R558	CARBON RES. 1/4W 3.3kohm ±5%.	4835	110	57046
S L601	LINE FILTER.	4835	154	97205	R559	CARBON RES. 1/4W 3.3kohm ±5%.	4835	110	57046
L692	CHOKE COIL 47 uH.	4835	157	58208	R561	CHIP RES. 1/10W 470ohm ±5%.	4835	111	17263
Q111	+5V SWITCHING 2SC2785(F) "NPN".	4835	130	47722	R562	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156
S Q571	H-OUTPUT 2SD2627LS-FEC-YB11 "NPN".	4835	130	48195	R563	CHIP RES. 1/10W 22kohm ±5%.	4835	111	17287
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN".	4835	130	48141	R564	CHIP RES. 1/10W 56kohm ±5%.	4835	111	17477
S Q601	SWITCHING 2SK2872-54MR.	4835	130	48226	R566	CARBON RES. 1/4W 3.3ohm ±5%.	4835	110	57043
S Q602	LIMITER 2SC2120-O-TPE2 "NPN".	4835	130	47756	R567	CARBON RES. 1/4W 3.3ohm ±5%.	4835	110	57043
S Q662	+5V SWITCHING 2SC2785(F) "NPN".	4835	130	47722	R569	CHIP RES. 1/10W 6.8kohm ±5%.	4835	111	17413
S Q671	SWITCHING 2SA1175(F) "PNP".	4835	130	47645	S R571	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%.	4835	116	67283
Q676	SWITCHING CONTROL BA1F4M-T.	4835	130	48204	S R572	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%.	4835	116	67283
Q681	LIMITER 2SC2120-O-TPE2 "NPN".	4835	130	47756	S R575	CARBON RES. 1/4W 15ohm ±5%.	4835	110	57177
Q682	LIMITER 2SC2120-O-TPE2 "NPN".	4835	130	47756	S R576	CARBON RES. 1/4W 15ohm ±5%.	4835	110	57177
Q683	LIMITER 2SC2120-O-TPE2 "NPN".	4835	130	47756	S R577	CARBON RES. 1/4W 15ohm ±5%.	4835	110	57177
Q696	SWITCHING CONTROL BA1F4M-T.	4835	130	48204	R578	CARBON RES. 1/4W 560ohm ±5%.	4835	110	57052
Q831	+5V SWITCHING 2SC2785(F) "NPN".	4835	130	47722	R579	CARBON RES. 1/4W 1k ±5%.	4835	110	57025
R101	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156	R581	PCB JUMPER.	0000	00J	W5.0T
R102	CHIP RES. 1/10W 1.8kohm ±5%.	4835	111	17154	S R583	FIXED METAL OXIDE FILM RES. 2W 2.2ohm ±5%.	RN02	JZQ	Z02R2
R103	CHIP RES. 1/10W 3.3kohm ±5%.	4835	111	17162	S R583	5%.	4835	116	67283
R104	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	S R584	CARBON RES. 1/4W 1k ±5%.	4835	110	57025
R105	CHIP RES. 1/10W 8.2kohm ±5%.	4835	111	17416	S R588	CARBON RES. 1/4W 100kohm ±5%.	4835	110	57185
R106	CHIP RES. 1/10W 10kohm ±5%.	4835	111	27027	R589	CARBON RES. 1/4W 100kohm ±5%.	4835	110	57185
R107	CHIP RES. 1/10W 2.2kohm ±5%.	4835	111	17156	R591	CHIP RES. 1/10W 180kohm ±5%.	4835	111	17365
R111	CARBON RES. 1/4W 100 ohm ±5%.	4835	110	57003	R592	CHIP RES. 1/10W 100kohm ±5%.	4835	111	17147
R121	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	R593	CHIP RES. 1/10W 68kohm ±5%.	4835	111	17172
R122	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	R594	CHIP RES. 1/10W 100kohm ±5%.	4835	111	17147
R123	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	R597	CARBON RES. 1/4W 8. 2kohm ±5%.	4835	110	57264
R124	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	S R598	CARBON RES. 1/4W 47kohm ±5%.	4835	110	57189
R125	CHIP RES. 1/10W 1.5kohm ±5%.	4835	111	17152	R599	CHIP RES. 1/10W 22kohm ±5%.	4835	111	17287
R126	CHIP RES. 1/10W 1.5kohm ±5%.	4835	111	17152	S R601	CEMENT RES. 5W 1.2ohm ±10%.	4835	113	87008
R127	CHIP RES. 1/10W 1.5kohm ±5%.	4835	111	17152	R602	CARBON RES. 1/4W 820kohm ±5%.	4835	110	57344
R128	CHIP RES. 1/10W 3.3kohm ±5%.	4835	111	17162	R603	CARBON RES. 1/4W 820kohm ±5%.	4835	110	57344
R131	CHIP RES. 1/10W 3.3kohm ±5%.	4835	111	17162	R611	CARBON RES. 1/4W 270ohm ±5%.	4835	110	57041
R132	CHIP RES. 1/10W 3.3kohm ±5%.	4835	111	17162	R612	CARBON RES. 1/4W 270ohm ±5%.	4835	110	57041
R133	CHIP RES. 1/10W 4.7kohm ±5%.	4835	111	17166	S R613	FIXED METAL OXIDE FILM RES. 2W 0.33ohm ±5%.	4835	116	67055
R134	CHIP RES. 1/10W 1kohm ±5%.	4835	111	17068	R614	CARBON RES. 1/4W 47 ohm ±5%.	4835	110	57019
R135	CHIP RES. 1/10W 10kohm ±5%.	4835	111	27027	R616	CARBON RES. 1/4W 10kohm ±5%.	4835	110	57026
R136	CARBON RES. 1/4W 22kohm ±5%.	4835	110	57038	R621	CARBON RES. 1/4W 1.5kohm ±5%.	4835	110	57186
R155	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432	R622	CARBON RES. 1/4W 3.3kohm ±5%.	4835	110	57046
R163	CHIP RES. 1/10W 22kohm ±5%.	4835	111	17287					
R164	CHIP RES. 1/10W 6.8kohm ±5%.	4835	111	17413					
R165	CHIP RES. 1/10W 0ohm ±5%.	RRXA	JB5	Z0000					
R171	CHIP RES. 1/10W 100ohm ±5%.	4835	111	37432					
R172	CHIP RES. 1/10W 1kohm ±5%.	4835	111	17068					

S = Safety Part Be sure to use exact replacement part.

MT1905B101 (continued)

R623	CARBON RES. 1/4W 330ohm ±5%	4835 110 57045	Q501	RED AMP 2SC2482 TPE6	4835 130 48046
R624	PCB JUMPER	0000 00J W5.0T	Q502	RED AMP 2SC2482 TPE6	4835 130 48046
R653	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	Q503	RED AMP 2SC2482 TPE6	4835 130 48046
R654	CARBON RES. 1/4W 2.7k ±5%	4835 110 57006	S R501	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
R655	CARBON RES. 1/4W 1k ±5%	4835 110 57025	S R502	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
R656	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153	S R503	FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019
S R657	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	R504	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R660	CARBON RES. 1/4W 1k ±5%	4835 110 57025	R505	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R661	CARBON RES. 1/4W J 6.8kohm	RCX4 JAT Z0682	R506	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R662	CARBON RES. 1/4W 220kohm ±5%	4835 110 57208	R509	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
R664	CHIP RES. 1/10W 12kohm ±5%	4835 111 17148	R511	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
R665	CHIP RES. 1/10W 4.7kohm ±5%	4835 111 17166	R512	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
S R666	METAL OXIDE FILM RES. 2W 15kohm ±5%	4835 116 57041	R513	CHIP RES. 1/10W 33ohm ±5%	4835 111 17161
S R667	PCB JUMPER	0000 00J W5.0T	R514	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
S R668	METAL OXIDE FILM RES. 1W 56kohm ±5%	4835 116 57039	R515	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
R671	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R516	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046
R672	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046	R517	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
R673	CARBON RES. 1/4W 100kohm ±5%	4835 110 57185	R518	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
R676	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026	R519	CARBON RES. 1/4W 470ohm ±5%	4835 110 57167
S R681	CARBON RES. 1/4W 12ohm ±5%	4835 110 57252	R537	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R682	FIXED METAL OXIDE FILM RES. 1W 33ohm ±5%	4835 116 57233	R538	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186
S R683	FIXED METAL OXIDE FILM RES. 1W 39ohm ±5%	4835 116 57356	BC501	BEAD INDUCTOR.	LLBF 00Z TU021
R686	CARBON RES. 1/4W 100 ohm ±5%	4835 110 57003	CLN501	PARALLEL WIRE.	WX1L 111 4-101
R687	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	S JK501	CRT SOCKET	4835 265 97481
S R691	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032	TP501	PCB JUMPER	0000 0JW 10.0T
R696	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002	TP502	PCB JUMPER	0000 0JW 10.0T
S R810	METAL OXIDE FILM RES. 1W 8.2ohm ±5%	4835 116 67061			
S R811	CARBON RES. 1/4W 2.2kohm ±5%	4835 110 57079			
R812	CHIP RES. 1/10W 2.2kohm ±5%	4835 111 17156			
R821	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R822	CHIP RES. 1/10W 3.9kohm ±5%	4835 111 17129			
R826	CARBON RES. 1/4W 470kohm ±5%	4835 110 57225			
R831	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
J104	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J115	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
J183	CHIP RES. 1/10W 0ohm ±5%	RRXA JB5 Z0000			
SW101	TACT SWITCH.	4835 276 17331			
SW102	TACT SWITCH.	4835 276 17331			
SW103	TACT SWITCH.	4835 276 17331			
SW104	TACT SWITCH.	4835 276 17331			
SW105	TACT SWITCH.	4835 276 17331			
SW106	TACT SWITCH.	4835 276 17331			
S AC601	AC CORD.	4835 321 17153			
B-6	HEAT SINK(PFB)ASSEMBLY	0000 EM4 06029			
B-7	HEAT SINK(PFA)	0000 EM4 06027			
B-12	CLOTH.	0000 EM4 02149			
BC101	BEAD INDUCTOR.	LLBF 00Z TU021			
BC571	BEAD INDUCTOR.	LLBF 00S TU026			
BC601	BEAD INDUCTOR.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR.	LLBF 00Z TU021			
BC651	BEAD INDUCTOR.	LLBF 00Z TU021			
BC652	BEAD INDUCTOR.	LLBF 00Z TU021			
BC653	BEAD INDUCTOR.	LLBF 00Z TU021			
BC691	BEAD INDUCTOR.	LLBF 00Z TU021			
BC692	BEAD INDUCTOR.	LLBF 00Z TU021			
CF1	40.4M TRAP	4835 153 97075			
CF301	4.5M TRAP.	4835 153 97073			
CF302	4.5M FILTER.	4835 153 97071			
CLN301	WIRE ASSEMBLY.	WX1L 110 0-102			
S F601	FUSE 4A/125V	4835 253 97153			
FH601	FUSE HOLDER.	XH01 Z00 LY001			
FH602	FUSE HOLDER.	XH01 Z00 LY001			
S GP641	GAP. FNR-G3.10D.	4835 252 27025			
JK801	EARPHONE JACK.	4835 265 97306			
L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080			
S PS691	THERMISTOR.	4835 100 97281			
RCV101	REMOCOM RECEIVE UNIT	4835 210 27062			
S RL601	POWER RELAY.	4835 280 97034			
S SA601	SURGE ABSORBER.	4835 252 27017			
SF1	SAW FILTER.	4835 153 97074			
S T571	FLYBACK TRANSFORMER.	LTF0 OCP XB021			
S T571	FLYBACK TRANS.	4835 140 67209			
T572	HORIZONTAL DRIVE TRANS LP2-004	4835 148 87394			
S T601	SWITCHING TRANS K0F12F-0201.	4835 148 87417			
TP300	PCB JUMPER.	0000 0JW 12.5T			
TP301	PCB JUMPER.	0000 0JW 15.0T			
TP601	PCB JUMPER.	0000 0JW 12.5T			
TU1	TUNER.	4835 210 47116			
S VR661	CARBON P.O.T. 30kohm B	4835 100 97575			
X101	CERAMIC RESONATOR.	4835 242 77163			
X331	CRYSTAL OSCILLATOR 3.579545 MHZ.	FXD3 55L LN003			

CRT CBA
CRT CBA

C501	CHIP CERAMIC CAP. 330pF/50V ±5% (CH)	4835 122 87032
C502	CHIP CERAMIC CAP. 270pF/50V ±5% (CH)	4835 122 87146
C503	CHIP CERAMIC CAP. 330pF/50V ±5% (CH)	4835 122 87032
C504	ELECTROLYTIC CAP. 47mF/16V ±20%.	4835 124 47073
C510	CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048
CN501	PIN CONNECTOR 005P-5100.	JTEA 001 TG001
L501	INDUCTOR 180uH-J-5FT.	4835 157 58066

S = Safety Part Be sure to use exact replacement part.

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CABINET PARTS

	CABINET PARTS	
A1X	FRONT CABINET ASSEMBLY	4835 444 47178
A-1	FRONT CABINET.	0000 EMO 00491
A-3	CONTROL PLATE.	4835 444 67231
A-2	REAR CABINET.	0000 EMO 00482
S A-4	RATING LABEL	0000 EM4 06359
A-5	PATENT NO. LABEL	0000 EM4 05358
B-1	TENSION SPRING	4835 492 37025
B-2	CRT MOUNTING SCREW	0000 EM4 03023
B-3	PCB HOLDER	0000 EM3 01429
B-4	SPEAKER HOLDER	0000 EM4 06026
S B-5	DEGAUSS HOLDER	0000 EM4 04845
B-8	AC CORD HOLDER	0000 EM4 06104
S B-9	CHASIS NO. LABEL	0000 EM4 06326
B-11	CLOTH.	0000 EM4 05041
S B-14	CRITICAL PARTS WARNING LABEL	0000 024 LH199
B-15	CLOTH.	0000 EM4 05137
CLN1	WIRE ASSEMBLY FM ANTENNA	WXIL 980 9-001
L-8	SCREW, P-TIGHT 4X18 BIND HEAD +	0000 GBM P4180
L-9	SCREW TAPPING M4X14.	0000 DBU 14140
L-13	SCREW, P-TIGHT 3X12 BIND HEAD+	0000 GBM P3120

PACKING

	PACKING	
S-1	CARTON	0000 EM4 06361
S-2	STYROFOAM BOTTOM ASSEMBLY.	0000 EM4 06323
S-3	STYROFOAM TOP ASSEMBLY	0000 EM4 06322
S-4	SET SHEET.	0000 EM4 02178
S-5	SERIAL NO. LABEL	0000 EM4 06360
S-6	HOLD PAD	0000 EM4 06207

ACCESSORIES

	ACCESSORIES	
X-1	REMOCOM UNIT	4835 218 37316
REMOTE	REMOCOM UNIT	4835 218 37316
X-2	DRY BATTERY.	4835 138 17012
S X-3	OWNER'S MANUAL	001B 828 4E001
X-5	POLYETHYLENE BAG	0000 023 25350
S X-7	IMPORTANT SAFEGUARDS	0000 EMN 01307
X-8	SERVICE CONTRACT CARD.	0000 EMN 01648
X-9	SERVICE CENTER MAP	0000 VMN 01909
X-10	REGISTRATION CARD.	0000 VMN 02631
X-11	SERVICE CONTRACT LABEL	0000 EMN 01624

CRT ASSEMBLY

	CRT ASSEMBLY	
CLN551	CRT GND WIRE	WXIL 782 0-003
CLN801	WIRE ASSEMBLY SPEAKER WIRE	WXIL 795 0-001
SP801	SPEAKER.	4835 240 17019
S L691	DEGAUSSING COIL	4835 157 97103
S L551	DEFLECTION YOKE KYD3MDA84X (USED W/A48J LL90X CRT)	4835 150 17168
S V501	CRT A48JLL90X (USES KYD3MDA84X YOKE)	4835 131 97018
V501-1	C.P. MAGNET	XMO4 000 BV009
V501-2	WEDGE.	XV10 000 T4001
V501-3	RUBBER MAGNET.	XMO5 000 BV001
S L551	DEFLECTION YOKE KYD3MBCB20X (USED W/A48L GS30X CRT)	4835 150 17173
S V501	CRT A48LGS30X (USES KYD3MBCB20X YOKE)	4835 131 97026
S L551	DEFLECTION YOKE CDY-M2023F (USED W/A48L RH93X CRT)	4835 150 17172
S V501	CRT A48LRH93X(W) (USES CDY-M2023F YOKE)	4835 131 97025

MAIN CBA

	MAIN CBA	
C5	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C6	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .	4835 124 47506
C21	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C107	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C111	ELECTROLYTIC CAP. 4.7mF/16V ±20% . . .	4835 124 47073
C112	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C113	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F). . .	4835 125 17009
C125	CHIP CERAMIC CAP. 47pF/50V ±5% (CH). .	4835 122 87148
C130	CERAMIC CAP.(AX) 220pF/50V ±10% (B). .	4835 122 47006
C131	CHIP CERAMIC CAP. 100pF/50V ±5% (CH). .	4835 122 87193
C132	CHIP CERAMIC CAP. 220pF/50V ±5% (CH). .	4835 122 87137
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .	4835 124 47506
C139	CHIP CERAMIC CAP. 0.1mF/25V Z+80/-20% (F). . .	4835 122 87213
C155	ELECTROLYTIC CAP. 47mF/16V ±20% . . .	4835 124 47073
C161	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C162	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B) .	4835 122 87162
C171	CHIP CERAMIC CAP. 220pF/50V ±5% (CH) .	4835 122 87137
C172	CHIP CERAMIC CAP. 220pF/50V ±5% (CH) .	4835 122 87137
C173	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C174	FILM CAP.(P) 0.001mF/50V ±5% . . .	4822 121 43191
C302	ELECTROLYTIC CAP. 220mF/10V ±20% . . .	4835 124 47099
C303	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255
C306	CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032
C308	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B). .	4835 122 87255

S = Safety Part Be sure to use exact replacement part.

C309	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C322	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C323	FILM CAP.(P) 0.1mF/50V ±5% . . .	4835 122 47451
C325	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C326	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F). . .	4835 125 17009
C328	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
C331	CHIP CERAMIC CAP. 47pF/50V ±5% (CH) .	4835 122 87148
C332	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835 122 47162
C334	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C341	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C342	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B) .	4835 122 47704
C343	ELECTROLYTIC CAP. 0.1mF/50V ±20% . . .	4835 124 47048
C344	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C345	CERAMIC CAP.(AX) 0.1mF/50V Z+80/-20% (F)	4835 122 47162
C351	ELECTROLYTIC CAP. 470mF/10V ±20% . . .	4835 124 47286
C353	CHIP CERAMIC CAP. 0.047mF/50V ±10% (B)	4835 122 87162
C361	CHIP CERAMIC CAP. 270pF/50V ±5% (CH) .	4835 122 87146
C363	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL .	4835 124 47183
C364	ELECTROLYTIC CAP. 2.2mF/50V ±20% . . .	4835 124 47049
C365	CERAMIC CAP.(AX) 3900pF/16V ±10% (X) .	4835 122 47677
C367	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .	4835 122 87255
C371	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C372	CHIP CERAMIC CAP. 33pF/50V ±5% (CH) .	4835 122 87138
C374	CHIP CERAMIC CAP. 0.01mF/50V ±10% (B) .	4835 122 87255
C375	FILM CAP.(P) 0.047mF/50V ±5% . . .	4835 121 47456
C376	CHIP RES. 1/10W 0ohm ±5% . . .	RRXA JB5 Z0000
C393	CHIP CERAMIC CAP. 0.1mF/25V Z+80/-20% (F)	4835 122 87213
C396	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
C551	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
C552	FILM CAP.(P) 0.1mF/50V ±5% . . .	4835 122 47451
C554	ELECTROLYTIC CAP. 100mF/35V ±20% . . .	4835 124 47284
C562	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL .	4835 124 47183
C566	ELECTROLYTIC CAP. 1000mF/25V ±20% . . .	4835 124 47007
C568	ELECTROLYTIC CAP. 3.3mF/50V ±20% . . .	4835 124 47052
S C571	PP CAP. 0.47mF/250V ±5% . . .	4835 121 47411
S C574	ELECTROLYTIC CAP. 4.7mF/250V ±20% . . .	4835 124 47465
C577	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
C578	FILM CAP.(P) 0.01mF/50V ±5% . . .	4835 121 47461
S C580	PP CAP. 0.01mF/1.6kV ±5% . . .	4835 121 47622
S C581	CERAMIC CAP. LB 1000pF/2kV . . .	4835 122 47551
S C584	ELECTROLYTIC CAP. 1mF/160V ±20% . . .	4835 124 47516
S C594	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47037
S C601	METALLIZED FILM CAP. 0.1mF/250V . . .	4835 121 47025
C605	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835 122 47601
C606	CERAMIC CAP. 0.01mF/500V Z+80/-20% (F)	4835 122 47601
C609	CERAMIC CAP. 1000pF/2kV ±10% (B) . . .	4835 122 37048
S C610	ELECTROLYTIC CAP. 220mF/200V . . .	4835 124 47022
C611	FILM CAP.(P) 0.047mF/50V ±5% . . .	4835 121 47456
C612	CERAMIC CAP. LB 330pF/2kV . . .	4835 122 47573
C614	CERAMIC CAP.(AX) 560pF/50V ±10% (B) .	4835 122 47206
C617	CERAMIC CAP.(AX) 330pF/50V ±10% (B) .	4835 122 47047
C618	FILM CAP.(P) 0.056mF/50V ±5% . . .	4835 121 47439
C622	CERAMIC CAP.(AX) 1000pF/250V ±10% (B) .	4835 122 47004
S C642	SAFETY CAP. 10000pF/250V . . .	4835 122 97123
S C643	SAFETY CAP. 10000pF/250V . . .	4835 122 97123
S C644	SAFETY CAP. 470pF B CS . . .	4835 122 97124
S C645	SAFETY CAP. 470pF B CS . . .	4835 122 97124
C650	CERAMIC CAP. LB 220pF/2kV . . .	4835 122 47579
C654	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C656	ELECTROLYTIC CAP. 100mF/160V ±20% . . .	4835 124 47698
C657	ELECTROLYTIC CAP. 1000mF/35V ±20% . . .	4835 124 47143
C658	ELECTROLYTIC CAP. 1000mF/16V ±20% . . .	4835 124 47005
C661	CERAMIC CAP.(AX) 0.01mF/25V Z+80/-20% (F)	4835 122 47705
C667	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C681	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C682	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C683	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C686	ELECTROLYTIC CAP. 33mF/16V ±20% . . .	4835 124 47306
C687	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C692	ELECTROLYTIC CAP. 10mF/160V ±20% . . .	4835 124 47742
C701	CHIP CERAMIC CAP. 100pF/50V ±5% (CH) .	4835 122 87193
C711	CERAMIC CAP.(AX) 3300pF/16V ±10% (X) .	4835 122 47475
C805	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 220 17118
C811	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 220 17118
C821	CHIP CERAMIC CAP. 4700pF/50V ±10% (B) .	4835 122 87326
C822	CERAMIC CAP.(AX) 0.22mF/50V Z+80/-20% (F)	4835 122 47706
C823	CERAMIC CAP.(AX) 0.47mF/50V Z+80/-20% (F)	4835 122 47707
CN101	STRAIGHT CONNECTOR BASE 00 8283 0212 00	J383 C02 UG002
000	000 . . .	J383 C02 UG002
CN301	CONNECTOR BASE, 5P TUC-P05P-B1 . . .	J3TU A05 TG001
CN571	CONNECTOR BASE, 5P TV-50P-05-V3. . .	J3TV C05 TG002
CN691	CONNECTOR BASE, 2P TV-50P-02-V3 . . .	J3TV C02 TG002
CN801	STRAIGHT CONNECTOR BASE 00 8283 0212 00	J383 C02 UG002
000	000 . . .	J383 C02 UG002
D103	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
D104	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329
S D134	ZENER DIODE MTZJT-775.6B . . .	4835 130 37329

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S D181	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R126	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152
D311	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R127	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152
D312	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R128	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D313	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R131	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D324	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R132	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162
D394	ZENER DIODE MTZJT-775.6B	4835	130	37329	R133	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166
D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	S R134	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
D397	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R135	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D551	DIODE 1N5397-B	4835	130	38014	R136	CARBON RES. 1/4W 22kohm ±5%	4835	110	57038
S D568	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R155	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D569	ZENER DIODE MTZJT-7720B	4835	130	37965	R164	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
D571	DIODE FR104-B	4835	130	38018	VR166	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D572	DIODE FR104-B	4835	130	38018	R171	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D573	DIODE FR104-B	4835	130	38018	R172	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
S D584	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R176	CHIP RES. 1/10W 390kohm ±5%	4835	111	17406
S D593	ZENER DIODE MTZJT-7736B	4835	130	37785	R181	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D597	ZENER DIODE MTZJT-776.8B	4835	130	37881	R182	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D605	DIODE 1N5397-B	4835	130	38014	R303	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D606	DIODE 1N5397-B	4835	130	38014	R305	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
S D607	DIODE 1N5397-B	4835	130	38014	R306	CHIP RES. 1/10W 2.7kohm ±5%	4835	111	17255
S D608	DIODE 1N5397-B	4835	130	38014	R307	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S D611	ZENER DIODE MTZJT-7715B	4835	130	37604	R308	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D613	ZENER DIODE MTZJT-7715B	4835	130	37604	R309	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R310	CARBON RES. 1/4W 2.2kohm ±5%	4835	110	57079
D621	ZENER DIODE MTZJT-773.0B	4835	130	37972	R311	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
D622	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R312	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D651	RECTIFIER DIODE 15DF4	4835	130	38021	R313	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S D652	DIODE FR154	4835	130	38019	R314	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D653	DIODE FR154	4835	130	38019	VR315	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
D654	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R316	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S D657	DIODE 1ZC33	4835	130	37958	R320	PCB JUMPER	0000	00J	W5.0T
D660	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R321	CARBON RES. 1/4W 1k ±5%	4835	110	57025
D661	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R323	CARBON RES. 1/4W 33kohm ±5%	4835	110	57211
S D662	ZENER DIODE MTZJT-776.8B	4835	130	37881	R324	CARBON RES. 1/4W 10 ohm ±5%	4835	110	57002
S D666	ZENER DIODE MTZJT-7736B	4835	130	37785	R325	CARBON RES. 1/4W 270kohm ±5%	4835	110	57312
D671	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R326	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
D672	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R332	CARBON RES. 1/4W 15kohm ±5%	4835	110	57032
D673	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R333	CARBON RES. 1/4W 270kohm ±5%	4835	110	57312
S D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R334	CHIP RES. 1/10W 150kohm ±5%	4835	111	17108
S D691	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R341	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
D692	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R343	CHIP RES. 1/10W 560ohm ±5%	4835	111	37464
D696	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R346	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003
D801	PCB JUMPER	0000	00J	W5.0T	R347	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027
D802	CARBON RES. 1/2W J 100ohm	4835	110	47085	R348	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
S D811	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R351	PCB JUMPER	0000	00J	W5.0T
D826	SWITCHING DIODE 1SS133(T-77)	4835	130	37235	R352	PCB JUMPER	0000	00J	W5.0T
IC101	IC:TV MICON	4835	209	17669	R361	CHIP RES. 1/10W 82ohm ±5%	4835	111	17119
IC151	IC:MEMORY	4835	209	47421	R364	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
S IC333	IC:VIDEO/CHROMA/DEFLECTION/IF/AUDIO	4835	209	47585	R367	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000
S IC551	IC:VERTICAL DEFLECTION CONTROL	4835	209	47512	R368	CHIP RES. 1/10W 10Mohm ±5%	4835	111	17587
S IC601	PHOTO COUPLER PF5001-B,C	4835	130	48166	R369	CHIP RES. 1/10W 15kohm ±5%	4835	111	17153
IC801	AUDIO AMP IC	4835	209	47502	R371	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
L5	INDUCTOR 22H-K-5FT	4835	157	57373	R373	CHIP RES. 1/10W 390ohm ±5%	4835	111	17425
L11	INDUCTOR 0.47±H-J-26T	4835	157	58018	R380	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L15	INDUCTOR 0.82±H-J-26T	4835	157	58276	R391	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L111	INDUCTOR 22±H-K-5FT	4835	157	57373	R392	CHIP RES. 1/10W 100ohm ±5%	4835	111	37432
L112	INDUCTOR 22±H-J-26T	4835	157	57641	R393	CHIP RES. 1/10W 1kohm ±5%	4835	111	17068
L302	PCB JUMPER	0000	00J	W5.0T	R396	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L304	INDUCTOR 1.0±H-K-26T	4835	157	58144	R397	CARBON RES. 1/4W 220ohm ±5%	4835	110	57037
L325	INDUCTOR 100±H-K-5FT	4835	157	57798	R551	CARBON RES. 1/4W 4.7ohm ±5%	4835	110	57212
L361	INDUCTOR 10±H-J-26T	4835	157	57643	S R552	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L373	INDUCTOR 2.2±H-J-26T	4835	157	57639	S R553	CARBON RES. 1/4W 1ohm ±5%	4835	110	57229
L375	INDUCTOR 4.7±H-J-26T	4835	157	57374	S R554	CARBON RES. 1/4W 3.9ohm ±5%	4835	110	57281
S L601	LINE FILTER	4835	154	97205	R556	CARBON RES. 1/4W 1k ±5%	4835	110	57025
L692	CHOKE COIL 47 uH	4835	157	58208	R557	CARBON RES. 1/4W 1k ±5%	4835	110	57025
Q111	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R558	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
S Q571	H-OUTPUT 2SD2627LS-FEC-YB11 "NPN"	4835	130	48195	R559	CARBON RES. 1/4W 3.3kohm ±5%	4835	110	57046
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R561	CHIP RES. 1/10W 470ohm ±5%	4835	111	17263
S Q601	SWITCHING 2SK2872-54MR	4835	130	48226	R562	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156
S Q602	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	R563	CHIP RES. 1/10W 22kohm ±5%	4835	111	17287
S Q662	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	R564	CHIP RES. 1/10W 56kohm ±5%	4835	111	17477
S Q671	SWITCHING 2SA1175(F) "PNP"	4835	130	47645	R566	CARBON RES. 1/4W 3.3ohm ±5%	4835	110	57043
Q676	SWITCHING CONTROL BA1F4M-T	4835	130	48204	R567	CARBON RES. 1/4W 3.3ohm ±5%	4835	110	57043
S Q681	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	S R569	CHIP RES. 1/10W 6.8kohm ±5%	4835	111	17413
S Q682	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	S R571	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%	4835	116	67283
S Q683	LIMITER 2SC2120-0-TPE2 "NPN"	4835	130	47756	S R572	FIXED METAL OXIDE FILM RES. 2W 1.5kohm ±5%	4835	116	67283
Q696	SWITCHING CONTROL BA1F4M-T	4835	130	48204	S R575	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
Q831	+5V SWITCHING 2SC2785(F) "NPN"	4835	130	47722	S R576	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
R12	CHIP RES. 1/10W 0ohm ±5%	RRXA	JB5	Z0000	S R577	CARBON RES. 1/4W 15ohm ±5%	4835	110	57177
R101	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R578	CARBON RES. 1/4W 560ohm ±5%	4835	110	57052
R102	CHIP RES. 1/10W 1.8kohm ±5%	4835	111	17154	R579	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R103	CHIP RES. 1/10W 3.3kohm ±5%	4835	111	17162	R581	PCB JUMPER	0000	00J	W5.0T
R104	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R583	FIXED METAL OXIDE FILM RES. 2W 3.9ohm ±5%	4835	116	67283
R105	CHIP RES. 1/10W 8.2kohm ±5%	4835	111	17416	S R584	CARBON RES. 1/4W 1k ±5%	4835	110	57025
R106	CHIP RES. 1/10W 10kohm ±5%	4835	111	27027	S R588	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R107	CHIP RES. 1/10W 2.2kohm ±5%	4835	111	17156	R589	CARBON RES. 1/4W 100kohm ±5%	4835	110	57185
R111	CARBON RES. 1/4W 100 ohm ±5%	4835	110	57003	S R591	CHIP RES. 1/10W 180kohm ±5%	4835	111	17365
R121	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R592	CHIP RES. 1/10W 100kohm ±5%	4835	111	17147
R122	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166	S R593	CHIP RES. 1/10W 68kohm ±5%	4835	111	17172
R123	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166					
R124	CHIP RES. 1/10W 4.7kohm ±5%	4835	111	17166					
R125	CHIP RES. 1/10W 1.5kohm ±5%	4835	111	17152					

S = Safety Part Be sure to use exact replacement part.

MT1931B101 (continued)

S R594	CHIP RES. 1/10W 100kohm ±5%	4835 111 17147	SF1	SAW FILTER	4835 153 97074
R597	CARBON RES. 1/4W 8.2kohm ±5%	4835 110 57264	S T571	FLYBACK TRANS.	4835 140 67209
S R598	CARBON RES. 1/4W 47kohm ±5%	4835 110 57189	T572	HORIZONTAL DRIVE TRANS LP2-004	4835 148 87394
S R599	CHIP RES. 1/10W 22kohm ±5%	4835 111 17287	S T601	SWITCHING TRANS KOF12F-0201.	4835 148 87417
S R601	CEMENT RES. 5W 1.2ohm ±10%	4835 113 87008	TP300	PCB JUMPER	0000 OJW 12.5T
R602	CARBON RES. 1/4W 820kohm ±5%	4835 110 57344	TP301	PCB JUMPER	0000 OJW 15.0T
R603	CARBON RES. 1/4W 820kohm ±5%	4835 110 57344	TP601	PCB JUMPER	0000 OJW 12.5T
R611	CARBON RES. 1/4W 270ohm ±5%	4835 110 57041	TU1	TUNER.	4835 210 47118
R612	CARBON RES. 1/4W 270ohm ±5%	4835 110 57041	S VR661	CARBON P.O.T. 30kohm B	4835 100 97575
S R613	FIXED METAL OXIDE FILM RES. 2W 0.33ohm ±5%	4835 116 67055	X101	CERAMIC RESONATOR.	4835 242 77163
R614	CARBON RES. 1/4W 47 ohm ±5%	4835 110 57019	X331	CRYSTAL OSCILLATOR 3.579545 MHz.	FXD3 55L LN003
R616	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026			
R621	CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186			
R622	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046			
R623	CARBON RES. 1/4W 330ohm ±5%	4835 110 57045			
R624	PCB JUMPER	0000 00J W5.0T			
R653	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R654	CARBON RES. 1/4W 2.7k ±5%	4835 110 57006			
S R655	CARBON RES. 1/4W 1k ±5%	4835 110 57025			
R656	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R657	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032			
R660	CARBON RES. 1/4W 1k ±5%	4835 110 57025			
S R661	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032			
S R662	CARBON RES. 1/4W 220kohm ±5%	4835 110 57208			
S R664	CHIP RES. 1/10W 12kohm ±5%	4835 111 17148			
S R665	CHIP RES. 1/10W 4.7kohm ±5%	4835 111 17166			
S R666	METAL OXIDE FILM RES. 2W 15kohm ±5%	4835 116 57041			
S R667	PCB JUMPER	0000 00J W5.0T			
S R668	METAL OXIDE FILM RES. 1W 56kohm ±5%	4835 116 57039			
R671	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046			
R672	CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046			
R673	CARBON RES. 1/4W 100kohm ±5%	4835 110 57185			
R676	CARBON RES. 1/4W 10kohm ±5%	4835 110 57026			
S R681	CARBON RES. 1/4W 12ohm ±5%	4835 110 57252			
S R682	FIXED METAL OXIDE FILM RES. 1W 33ohm ±5%	4835 116 57233			
S R683	FIXED METAL OXIDE FILM RES. 1W 39ohm ±5%	4835 116 57356			
R686	CARBON RES. 1/4W 100 ohm ±5%	4835 110 57003			
R687	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002			
R691	CARBON RES. 1/4W 15kohm ±5%	4835 110 57032			
R696	CARBON RES. 1/4W 10 ohm ±5%	4835 110 57002			
R701	CHIP RES. 1/10W 75ohm ±5%	4835 111 17131			
R702	CHIP RES. 1/10W 0ohm ±5%	RRXA JBS 20000			
R711	CHIP RES. 1/10W 47kohm ±5%	4835 111 17408			
R712	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
S R810	METAL OXIDE FILM RES. 1W 8.2ohm ±5%	4835 116 67061			
S R811	CARBON RES. 1/4W 2.2kohm ±5%	4835 110 57079			
S R812	CHIP RES. 1/10W 2.2kohm ±5%	4835 111 17156			
R821	CHIP RES. 1/10W 15kohm ±5%	4835 111 17153			
R822	CHIP RES. 1/10W 3.9kohm ±5%	4835 111 17129			
R826	CARBON RES. 1/4W 470kohm ±5%	4835 110 57225			
R831	CHIP RES. 1/10W 1kohm ±5%	4835 111 17068			
J104	CHIP RES. 1/10W 0ohm ±5%	RRXA JBS Z0000			
J115	CHIP RES. 1/10W 0ohm ±5%	RRXA JBS Z0000			
J183	CHIP RES. 1/10W 0ohm ±5%	RRXA JBS Z0000			
SW101	TACT SWITCH.	4835 276 17331			
SW102	TACT SWITCH.	4835 276 17331			
SW103	TACT SWITCH.	4835 276 17331			
SW104	TACT SWITCH.	4835 276 17331			
SW105	TACT SWITCH.	4835 276 17331			
SW106	TACT SWITCH.	4835 276 17331			
AC601	AC CORD.	4835 321 17153			
B-6	HEAT SINK(PFB)ASSEMBLY	0000 EM4 06029			
B-7	HEAT SINK(PFA)	0000 EM4 06027			
B-10	JACK HOLDER+D47.	0000 EM4 04325			
B-12	CLOTH.	0000 EM4 02149			
BC101	BEAD INDUCTOR.	LLBF 00Z TU021			
BC571	BEAD INDUCTOR.	LLBF 00S TU026			
BC601	BEAD INDUCTOR.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR.	LLBF 00Z TU021			
BC651	BEAD INDUCTOR.	LLBF 00Z TU021			
BC652	BEAD INDUCTOR.	LLBF 00Z TU021			
BC653	BEAD INDUCTOR.	LLBF 00Z TU021			
BC691	BEAD INDUCTOR.	LLBF 00Z TU021			
BC692	BEAD INDUCTOR.	LLBF 00Z TU021			
CF1	40.4M TRAP.	4835 153 97075			
CF301	4.5M TRAP.	4835 153 97073			
CF302	4.5M FILTER.	4835 153 97071			
CLN301	WIRE ASSEMBLY.	WX1L 110 0-102			
S F601	FUSE 4A/125V	4835 253 97153			
FH601	FUSE HOLDER.	XH01 Z00 LY001			
FH602	FUSE HOLDER.	XH01 Z00 LY001			
S GP641	GAP. FNR-G3.10D.	4835 252 27025			
JK701	RCA JACK.	4835 265 97455			
JK702	RCA JACK.	4835 265 97456			
JK801	EARPHONE JACK.	4835 265 97306			
L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080			
S PS691	THERMISTOR.	4835 100 97281			
RCV101	REMOCOM RECEIVE UNIT.	4835 210 27062			
S RL601	POWER RELAY.	4835 280 97034			
S SA601	SURGE ABSORBER.	4835 252 27017			
CRT CBA					
C501	CRT CBA	C501 CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032		
C502	CRT CBA	C502 CHIP CERAMIC CAP. 270pF/50V ±5% (CH) .	4835 122 87146		
C503	CRT CBA	C503 CHIP CERAMIC CAP. 330pF/50V ±5% (CH) .	4835 122 87032		
C504	CRT CBA	C504 ELECTROLYTIC CAP. 47mF/16V ±20%	4835 124 47073		
C510	CRT CBA	C510 CERAMIC CAP. 1000pF/2kV ±10% (B)	4835 122 37048		
CN501	CRT CBA	CN501 PIN CONNECTOR 005P-5100.	JTEA 001 TG001		
L501	CRT CBA	L501 INDUCTOR 180±H-J-5FT	4835 157 58066		
Q501	CRT CBA	Q501 RED AMP 2SC2482 TPE6	4835 130 48046		
Q502	CRT CBA	Q502 RED AMP 2SC2482 TPE6	4835 130 48046		
Q503	CRT CBA	Q503 RED AMP 2SC2482 TPE6	4835 130 48046		
S R501	CRT CBA	S R501 FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019		
S R502	CRT CBA	S R502 FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019		
S R503	CRT CBA	S R503 FIXED METAL OXIDE FILM RES. 1W 15kohm ±5%	4835 116 87019		
R504	CRT CBA	R504 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
R505	CRT CBA	R505 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
R506	CRT CBA	R506 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
R509	CRT CBA	R509 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
R511	CRT CBA	R511 CHIP RES. 1/10W 33ohm ±5%	4835 111 17161		
R512	CRT CBA	R512 CHIP RES. 1/10W 33ohm ±5%	4835 111 17161		
R513	CRT CBA	R513 CHIP RES. 1/10W 33ohm ±5%	4835 111 17161		
R514	CRT CBA	R514 CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046		
R515	CRT CBA	R515 CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046		
R516	CRT CBA	R516 CARBON RES. 1/4W 3.3kohm ±5%	4835 110 57046		
R517	CRT CBA	R517 CARBON RES. 1/4W 470ohm ±5%	4835 110 57167		
R518	CRT CBA	R518 CARBON RES. 1/4W 470ohm ±5%	4835 110 57167		
R519	CRT CBA	R519 CARBON RES. 1/4W 470ohm ±5%	4835 110 57167		
R537	CRT CBA	R537 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
R538	CRT CBA	R538 CARBON RES. 1/4W 1.5kohm ±5%	4835 110 57186		
BC501	CRT CBA	BC501 BEAD INDUCTOR.	LLBF 00Z TU021		
CLN501	CRT CBA	CLN501 PARALLEL WIRE.	WX1L 111 4-101		
S JK501	CRT CBA	S JK501 CRT SOCKET.	4835 265 97481		
TP501	CRT CBA	TP501 PCB JUMPER	0000 OJW 10.0T		
TP502	CRT CBA	TP502 PCB JUMPER	0000 OJW 10.0T		

S = Safety Part Be sure to use exact replacement part.

CABINET PARTS

	CABINET PARTS	
A1X	FRONT CABINET ASSEMBLY	4835 444 47176
A-1	FRONT CABINET	0000 EM2 01235
A-3	CONTROL PLATE	4835 444 67229
CLN1	WIRE ASSEMBLY FM ANTENNA	WXIL 094 2-004
A-2	REAR CABINET	4835 444 47153
S A-7	RATING LABEL	0000 EM4 06437
A-8	PATENT NO. LABEL	0000 EM4 05358
B-1	TENSION SPRING	4835 492 37025
B-2	M5 CRT SCREW(B)	0000 EM4 05411
B-4	CRITICAL PARTS WARNING LABEL	0000 024 LH199
B-5	9V DEGAUSS HOLDER	0000 EM4 05132
B-11	CLOTH(65) L7735TR:65X10X0.5T	0000 EM4 02149
L-1	SCREW, P-TIGHT 4X18 BIND HEAD +	0000 GEM P4180
L-2	SCREW, TAPPING M4X14 BIND HEAD+	0000 DBM 14140
L-3	SCREW, P-TIGHT 3X10 BIND HEAD+	0000 GBK P3100
L-4	SCREW M5X40(BLACK)	0000 SBK 35400
L-5	NUT M5(P=0.8)	0000 ONH M3050
L-6	WASHER 5.3X20XT1.4	0000 OWP M520V
L-7	SCREW, P-TIGHT 4X18 BIND HEAD +	0000 GEM P4180

PACKING

	PACKING	
S-1	CARTON	0000 EM4 06438
S-2	STYROFOAM TOP.	0000 EM0 00428
S-3	STYROFOAM BOTTOM ASSEMBLY.	0000 EM4 05906
S-4	SET SHEET B5506UG:800X1500	0000 EM4 02369
S-5	SERIAL NO. LABEL	0000 EM4 06439

ACCESSORIES

	ACCESSORIES	
X-1	REMOCOM UNIT	4835 218 37321
REMOTE	REMOCOM UNIT	4835 218 37321
X-2	DRY BATTERY R6P UM3.	4835 138 17012
S X-3	OWNER'S MANUAL(E) :ENGLISH/SPANISH	001B 829 1E001
X-4	POLYETHYLENE BAG F8626B5	0000 023 25350
X-5	REGISTRATION CARD.	0000 VMN 02632
X-6	SERVICE CONTRACT LABEL PCEC:31350151203	0000 EMN 01624
S X-7	IMPORTANT SAFEGUARDS PCEC:00EL6268E001	0000 EMN 01307
X-8	SERVICE CENTER MAP	0000 VMN 01909
X-10	ROD ANTENNA.	4835 303 37006
X-11X	SCREW KIT.	0000 ESA 02427
X-11	POLY BAG 80X110X0.05T.	0000 025 08110
S X-12	AC CORD SET LA-2143.	4835 321 17129
X-14	SERVICE CONTRACT CARD PCEC NO.313501515	011.
		0000 EMN 01647
A-9X	HANGING HOLDER ASSEMBLY.	4835 462 17014
A-10	HANGING BASE	4835 462 17019
A-11	DOC LABEL.	0000 EM4 01700
X-9	POLYETHYLENE BAG	0000 EM4 03482

DE PARTS

	DE PARTS	
CLN801	WIRE ASSEMBLY.	WXIL 920 0-001
S L691	DEGAUSSING COIL F-200.	4835 157 97108
SP801	SPEAKER S08F03.	4835 240 17021
S V501	CRT A22JWG099X11	4835 131 97028
	WIRE ASSEMBLY(1P) CRT GND.	WXIL 094 2-003

Main CBA

	Main CBA	
C2	CERAMIC CAP. 0.01mF/50V +80/-20% (F) .	4835 122 37011
C4	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C5	ELECTROLYTIC CAP. 220mF/10V ±20% . . .	4835 124 47099
C21	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C23	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C108	ELECTROLYTIC CAP. 47mF/16V ±20% . . .	4835 124 47073
C111	ELECTROLYTIC CAP. 47mF/16V ±20% . . .	4835 124 47073
C112	ELECTROLYTIC CAP. 220mF/10V ±20% . . .	4835 124 47099
C113	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C131	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .	4835 122 47006
C135	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .	4835 122 47006
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .	4835 124 47088
C141	CERAMIC CAP.(AX) 0.47mF/50V +80/-20% (F)	4835 122 47707
C143	CERAMIC CAP.(AX) UP05F104Z-A-B. . .	4835 122 47162
C170	CERAMIC CAP.(AX) 150pF/50V ±10% (B) .	4835 122 47042
C171	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .	4835 122 47006
C172	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C173	MYLAR CAP. 0.01mF/50V ±10% . . .	4822 121 43191
C176	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C301	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C302	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C303	ELECTROLYTIC CAP. 220mF/10V ±20% . . .	4835 124 47099
C304	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .	4835 122 47221
C311	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C312	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .	4835 122 47221
C313	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .	4835 124 47088
C321	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .	4835 122 37017
C322	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .	4835 122 37017
C323	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .	4835 122 37017
C332	ELECTROLYTIC CAP. 470mF/10V ±20% . . .	4835 124 47286

S = Safety Part Be sure to use exact replacement part.

C334	MYLAR CAP. 0.1mF/50V ±10%	4835 121 47168
C335	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C336	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C339	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47202
C341	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
C342	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
C343	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
C344	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C345	CERAMIC CAP. CH J 47pF/50V	4835 122 47051
C353	ELECTROLYTIC CAP. 0.1mF/50V ±20% . . .	4835 124 47048
C354	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C355	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C356	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B) .	4835 122 47704
C361	CERAMIC CAP.(AX) 0.022mF/50V ±10% (B) .	4835 122 47013
C363	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C364	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C365	CERAMIC CAP.(AX) UP05F104Z-A-B.	4835 122 47162
C366	ELECTROLYTIC CAP. 470mF/10V ±20% . . .	4835 124 47286
C367	ELECTROLYTIC CAP. 470mF/10V ±20% . . .	4835 124 47286
C369	CERAMIC CAP.(AX) 0.047mF/50V ±10% (B) .	4835 122 47083
C372	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
C373	ELECTROLYTIC CAP. 1mF/50V ±20% LL . . .	4835 124 47305
C374	ELECTROLYTIC CAP. 0.1mF/50V ±20% . . .	4835 124 47048
C375	CERAMIC CAP.(AX) 3300pF/16V ±10% (X) .	4835 122 47475
C376	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .	4835 122 47221
C381	ELECTROLYTIC CAP. 0.47mF/50V ±20% . . .	4835 124 47155
C383	ELECTROLYTIC CAP. 0.22mF/50V ±20% . . .	4835 124 47107
C387	ELECTROLYTIC CAP. 4.7mF/50V ±20% . . .	4835 124 47088
C388	MYLAR CAP. 0.047mF/50V ±10% . . .	4835 121 47264
C389	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C393	ELECTROLYTIC CAP. 0.1mF/50V ±20% . . .	4835 124 47048
C396	ELECTROLYTIC CAP. 220mF/16V ±20% . . .	4835 124 47081
C552	MYLAR CAP. 0.1mF/50V ±10%	4835 121 47168
C553	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL .	4835 124 47183
C555	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
C556	ELECTROLYTIC CAP. 1000mF/35V ±20% . . .	4835 124 47143
C558	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C559	ELECTROLYTIC CAP. 100mF/35V ±20% . . .	4835 124 47233
C570	ELECTROLYTIC CAP. 100mF/160V ±20% . . .	4835 124 47698
S C571	P.P. CAP. 0.15mF/200V ±5%	4835 121 47708
C574	ELECTROLYTIC CAP. 4.7mF/250V ±20% . . .	4835 124 47465
C577	MYLAR CAP. 0.01mF/50V ±10%	4835 121 47232
C578	ELECTROLYTIC CAP. 47mF/35V ±20% . . .	4835 124 97066
S C580	METALLIZED FILM CAP. 0.0068mF/1.6kV ±5%	4835 121 47396
S C584	ELECTROLYTIC CAP. 1mF/160V ±20% . . .	4835 124 47516
S C591	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47202
S C601	FILM CAP.(MP) 0.1mF/250V ±20% . . .	4835 121 47025
C602	MYLAR CAP. 0.047mF/50V ±10%	4835 121 47264
C603	CERAMIC CAP.(AX) 470pF/50V ±10% (B) .	4835 122 47009
C605	CERAMIC CAP. 0.01mF/AC250V	4835 122 47502
C606	CERAMIC CAP. 0.01mF/AC250V	4835 122 47502
C609	CERAMIC CAP. 1000pF/2kV ±10% (B) . . .	4835 122 47551
S C610	ALMINIUM ELECTROLYTIC CAP150mF/200V. .	4835 124 97105
C611	MYLAR CAP. 0.033mF/50V ±10%	4835 121 47154
C613	MYLAR CAP. 0.039mF/50V ±10%	4835 121 47691
C616	CERAMIC CAP. 100pF/2kV	4835 122 47695
S C642	SAFETY CAP. 0.01mF/250V ±20% (F) . . .	4835 125 97008
S C643	SAFETY CAP. 0.01mF/250V ±20% (F) . . .	4835 125 97008
C654	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
C655	ELECTROLYTIC CAP. 1mF/50V ±20% . . .	4835 124 47014
S C656	ELECTROLYTIC CAP. 100mF/160V ±20% . . .	4835 124 47698
C657	ELECTROLYTIC CAP. 470mF/35V ±20% (VR) .	4835 124 47515
C658	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 124 47286
C659	CERAMIC CAP. LB 560pF/2kV.	4835 122 47503
C661	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C681	ELECTROLYTIC CAP. 33mF/10V ±20% . . .	4835 124 47267
C682	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C684	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C685	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C686	ELECTROLYTIC CAP. 100mF/10V ±20% . . .	4835 124 47323
C803	ELECTROLYTIC CAP. 470mF/16V ±20% . . .	4835 124 47286
C804	CERAMIC CAP.(AX) 0.22mF/50V +80/-20% (F)	4835 122 47706
C805	CERAMIC CAP.(AX) 5600pF/16V ±10% (X) .	4835 122 47486
C808	CERAMIC CAP.(AX) 0.47mF/50V +80/-20% (F)	4835 122 47707
C809	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F)	4835 125 17009
C810	ELECTROLYTIC CAP. 1000mF/16V +20% (VR/HC)	4835 124 47005
C952	ELECTROLYTIC CAP. 470mF/35V ±20% (VR) .	4835 124 47515
S C959	ELECTROLYTIC CAP. 10mF/50V ±20% . . .	4835 124 47202
CN101	STRAIGHT PIN HEADER, 2P 173981-2 . . .	0000 017 70258
CN301	CONNECTOR BASE, 5P TUC-P05P-B1	J3TU A05 TG001
CN571	CONNECTOR BASE, 5P RTB-1.5-5P.	J3RT C05 JG001
CN691	CONNECTOR BASE, 2P RTB-1.5-2P.	J3RT C02 JG001
CN801	STRAIGHT PIN HEADER, 2P 173981-2 . . .	0000 017 70258
D101	DIODE 1SS176TPA7	4835 130 37416
D102	DIODE 1SS176TPA7	4835 130 37416
D141	ZENER DIODE MTZJT-775.6B	4835 130 37329
D146	ZENER DIODE MTZJT-775.6B	4835 130 37329
S D161	DIODE 1SS176TPA7	4835 130 37416
D301	ZENER DIODE MTZJT-775.6B	4835 130 37329
D309	ZENER DIODE MTZJT-776.8B	4835 130 37881
D313	ZENER DIODE MTZJT-776.8B	4835 130 37881
S D321	DIODE 1SS176TPA7	4835 130 37416

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D322	DIODE 1SS176TPA7	4835	130	37416	R110	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
D323	DIODE 1SS176TPA7	4835	130	37416	R112	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D331	ZENER DIODE MTZJT-778.2B	4835	130	37963	R121	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	R122	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D397	DIODE 1SS176TPA7	4835	130	37416	R123	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D552	RECTIFIER DIODE ERB12-06	4835	130	37897	R124	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D571	RECTIFIER DIODE ERA22-02	4835	130	37788	R125	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
S D572	RECTIFIER DIODE ERA22-02	4835	130	37788	R126	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
S D573	RECTIFIER DIODE ERA22-02	4835	130	37788	R127	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
S D584	DIODE 1SS176TPA7	4835	130	37416	R128	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
S D591	ZENER DIODE MTZJT-7736A	4835	130	37785	R133	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
D592	ZENER DIODE MTZJT-776.8B	4835	130	37881	R134	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
S D593	ZENER DIODE MTZJT-7716B	4835	130	37624	R135	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
S D596	DIODE 1SS176TPA7	4835	130	37416	R136	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
S D605	RECTIFIER DIODE ERB12-06	4835	130	37897	R137	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
S D606	RECTIFIER DIODE ERB12-06	4835	130	37897	R138	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
S D607	RECTIFIER DIODE ERB12-06	4835	130	37897	R151	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D608	RECTIFIER DIODE ERB12-06	4835	130	37897	R152	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D609	DIODE 1SS176TPA7	4835	130	37416	R164	CARBON RES. 1/4W 6.8kohm 5%	4835	110	57193
S D611	ZENER DIODE MTZJT-7715B	4835	130	37604	R167	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
D613	ZENER DIODE MTZJT-773.0B	4835	130	37972	R170	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
D614	DIODE 1SS176TPA7	4835	130	37416	R171	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R175	CARBON RES. 1/4W 150kohm 5%	4835	110	57206
D617	ZENER DIODE MTZJT-7715B	4835	130	37604	R176	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
D650	RECTIFIER DIODE ERB12-06	4835	130	37897	R181	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D651	FAST RECOVERY DIODE ERC25-06	4835	130	37898	R182	INDUCTOR 1.0mH-J-26T	4835	157	58144
S D652	FAST RECOVERY DIODE ERB44-02	4835	130	37944	R304	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
S D653	FAST RECOVERY DIODE ERB44-02	4835	130	37944	R305	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D654	DIODE 1SS176TPA7	4835	130	37416	R306	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
S D655	ZENER DIODE MTZJT-7736A	4835	130	37785	R308	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
S D656	ZENER DIODE MTZJT-776.8B	4835	130	37881	R310	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D657	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R311	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
S D660	DIODE 1SS176TPA7	4835	130	37416	R312	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D661	DIODE 1SS176TPA7	4835	130	37416	R313	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
D667	DIODE 1ZC33	4835	130	37958	R321	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D670	DIODE 1SS176TPA7	4835	130	37416	R322	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D672	DIODE 1SS176TPA7	4835	130	37416	R323	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D675	DIODE 1SS176TPA7	4835	130	37416	R324	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D681	ZENER DIODE MTZJT-779.1B	4835	130	37506	R325	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R326	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D691	ZENER DIODE MTZJT-7715B	4835	130	37604	R328	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D692	DIODE 1SS176TPA7	4835	130	37416	R329	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
S D801	DIODE 1SS176TPA7	4835	130	37416	R331	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
D811	DIODE 1SS176TPA7	4835	130	37416	R333	CARBON RES. 1/4W 220kohm 5%	4835	110	57208
S D959	ZENER DIODE MTZJT-7736A	4835	130	37785	R343	CARBON RES. 1/4W 15kohm 5%	4835	110	57032
S IC101	IC M37272M8H-209FP	4835	209	47587	R344	CARBON RES. 1/4W 120kohm 5%	4835	110	57029
IC151	IC:MEMORY AT24C01A-10SC	4835	209	47421	R346	CARBON RES. 1/4W 82kohm 5%	4835	110	57061
S IC301	IC:CHROMA/IR 1 CHIP M61203BFP	4835	209	47505	R355	CARBON RES. 1/4W 6.8kohm 5%	4835	110	57193
S IC551	VERTICAL OUTPUT IC LA78040A	4835	209	47512	R361	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
IC601	PHOTOCOUPLER LTV-817B-F	4835	130	37977	R363	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
IC801	AUDIO AMP LA4524L	4835	209	47502	R364	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L5	INDUCTOR 22mH-K-5FT	4835	157	57373	R365	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L11	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R366	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L21	INDUCTOR 4.7mH-J-26T	4835	157	57374	R368	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L111	INDUCTOR 22mH-K-5FT	4835	157	57373	R369	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L112	INDUCTOR 22mH-J-26T	4835	157	57641	R372	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L301	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R373	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L302	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R374	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
L331	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R376	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L335	INDUCTOR 100mH-J-5FT	4835	157	57798	R377	CARBON RES. 1/4W 120ohm 5%	4835	110	57217
L371	INDUCTOR 8.2mH-J-26T	4835	157	57954	R378	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
L372	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R381	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
L378	INDUCTOR 2.2mH-J-26T	4835	157	57639	R382	CERAMIC CAP.(AX) 10pF/50V ±5% (CH)	4835	122	47003
L385	INDUCTOR 2.2mH-J-26T	4835	157	57639	R386	CARBON RES. 1/4W 10Mohm 5%	4835	110	57288
L572	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R387	CARBON RES. 1/4W 10Mohm 5%	4835	110	57288
S L601	LINE FILTER 5.0MH 6Y075	4835	154	97202	R391	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
Q22	RES. BUILT-IN TRANSISTOR KRA103M	4835	130	47907	R392	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
Q111	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R393	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
Q321	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R394	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
S Q571	H-OUTPUT 2SD2627LS-FEC-YB11	4835	130	48195	R396	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R397	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
S Q601	MOS FET 2SK2662	4835	130	48205	R551	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
S Q602	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R552	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033
Q651	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R553	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033
S Q652	FEED BACK 2SC3331(T)-AANP "NPN"	4835	130	47549	R557	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
S Q672	SWITCHING 2SA1318(T)-AANP "NPN"	4835	130	47617	R558	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
Q673	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R559	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
S Q681	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756	R560	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
S Q682	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756	R561	CARBON RES. 1/4W 8.2kohm 5%	4835	110	57264
S Q683	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756	R562	CARBON RES. 1/4W 3.9ohm 5%	4835	110	57281
Q801	AUDIO MUTE 2SC3331(T)-AANP "NPN"	4835	130	47549	R563	CARBON RES. 1/4W 3.9ohm 5%	4835	110	57281
S Q956	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R564	CARBON RES. 1/4W 1.8ohm 5%	4835	110	57196
R6	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R565	CARBON RES. 1/4W 1.8ohm 5%	4835	110	57196
R11	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	S R566	CARBON RES. 1/4W 1.8ohm 5%	4835	110	57196
R12	CARBON RES. 1/4W 100ohm 5%	4835	110	57003	R568	CARBON RES. 1/4W 4.7ohm 5%	4835	110	57212
R101	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079	R572	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
R102	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033	S R575	METAL OXIDE FILM RES. 2W 470ohm 5%	4835	116	67277
R103	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046	R576	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
R104	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051	R577	CARBON RES. 1/4W 560ohm 5%	4835	110	57052
R105	CARBON RES. 1/4W 8.2kohm 5%	4835	110	57264	R578	METAL OXIDE FILM RES. 1W 220ohm 5%	4835	116	57354
R108	CARBON RES. 1/4W 100ohm 5%	4835	110	57003	R581	CARBON RES. 1/4W 1ohm 5%	4835	110	57229
R109	CARBON RES. 1/4W 10kohm 5%	4835	110	57026	R582	CARBON RES. 1/4W 1ohm 5%	4835	110	57229

S = Safety Part Be sure to use exact replacement part.

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S R583	METAL OXIDE FILM RES. 2W 4.7ohm 5% . . .	4835 116 87094	BC642	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
S R584	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	BC643	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R585	CARBON RES. 1/4W 8.2kohm 5%	4835 110 57264	BC651	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R586	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC652	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R587	CARBON RES. 1/4W 680kohm 5%	4835 110 57227	BC653	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R588	CARBON RES. 1/4W 680kohm 5%	4835 110 57227	BC654	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
S R591	CARBON RES. 1/4W 100kohm 5%	4835 110 57185	BC954	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
S R592	CARBON RES. 1/4W 180kohm 5%	4835 110 57259	CF301	CERAMIC FILTER TPS 4.5MB2.	4835 153 97032
S R593	CARBON RES. 1/4W 82kohm 5%	4835 110 57061	CF302	4.5M FILTER LTH4.5MCB.	4835 153 97071
S R594	CARBON RES. 1/4W 68kohm 5%	4835 110 57168	CLN101	WIRE 060/BLA/AWG26#1007.	WX30 01A 6FF06
S R597	CARBON RES. 1/4W 6.8kohm 5%	4835 110 57193	CLN102	WIRE 060/BLA/AWG26#1007.	WX30 01A 6FF06
S R598	CARBON RES. 1/4W 47kohm 5%	4835 110 57189	CLN301	PARALLEL WIRE (5P)240MM WX1L0942-101 .	WX1L 094 2-101
S R599	CARBON RES. 1/4W 22kohm 5%	4835 110 57038	S F601	FUSE TDS4A125VU/C.	4835 253 97153
S R601	CEMENT RES. 5W 1.2ohm 10%	4835 113 87008	FH601	HOLDER, FUSE CNT41-0014.	0000 017 90424
R602	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	FH602	HOLDER, FUSE CNT41-0014.	0000 017 90424
R603	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	S GP641	GAP. FNR-G3.10D.	4835 252 27025
R604	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	S JK601	AC INLET HSC0555-010010.	4835 265 97298
R606	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	JK701	RCA JACK 1P AV-8.4-9Y.	4835 265 97455
R607	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	JK702	RCA JACK 1P AV-8.4-9W.	4835 265 97456
R608	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	JK801	EARPHONE JACK EX341BLB-1.	4835 265 97491
R609	CARBON RES. 1/4W 1.2kohm 5%	4835 110 57027	JS674	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
R611	CARBON RES. 1/4W 150ohm 5%	4835 110 57031	L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080
R612	CARBON RES. 1/4W 150ohm 5%	4835 110 57031	S PS691	THERMISTOR ZPB45BL7R0A	QNZZ 45B L7R0A
S R613	METAL OXIDE FILM RES. 2W 0.39ohm 5% . . .	4835 116 57791	RCV101	REMOCON RECEIVE UNIT PIC-26042SR-2 .	4835 210 27062
R614	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079	S SA601	SURGE ABSORBER JVR-07N471K	4835 252 27024
R615	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	SF1	SAW FILTER TSF5229P.	4835 153 97062
R616	CARBON RES. 1/4W 220ohm 5%	4835 110 57037	SF2	SAW FILTER TSB1205P.	4835 153 97063
R617	CARBON RES. 1/4W 47ohm 5%	4835 110 57019	S T571	FLYBACK TRANS BSC25-2027S.	4835 140 67204
R618	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	T572	HORIZONTAL DRIVE TRANS LP2-004	4835 148 87394
R650	PCB JUMPER D0.6-P15.0	0000 0JW 15.0T	S T601	SWITCHING TRANS KD-00010	4835 148 87401
S R651	METAL OXIDE FILM RES. 2W 15kohm 5% . . .	4835 116 57041	TU1	TUNER UNIT B8045AR	4835 210 47112
R652	CARBON RES. 1/4W 22kohm 5%	4835 110 57038	S VR661	CARBON P.O.T. 10k W B.	4835 100 97516
R653	CARBON RES. 1/4W 15kohm 5%	4835 110 57032	X101	CERAMIC RESONATOR KBR-8.0MKC	4835 242 77163
R654	CARBON RES. 1/4W 1.8kohm 5%	4835 110 57033	X341	CRYSTAL OSCILLATOR 3.579545 MHZ.	FXD3 55L LN003
R655	CARBON RES. 1/4W 1kohm 5%	4835 110 57025			
R656	CARBON RES. 1/4W 15kohm 5%	4835 110 57032			
R657	CARBON RES. 1/4W 15kohm 5%	4835 110 57032			
S R658	CARBON RES. 1/4W 470kohm 5%	4835 110 57225			
R660	CARBON RES. 1/4W 1kohm 5%	4835 110 57025			
S R661	CARBON RES. 1/4W 47kohm 5%	4835 110 57189			
S R662	CARBON RES. 1/4W 5.6kohm 5%	4835 110 57304			
S R663	PCB JUMPER D0.6-P5.0	0000 00J W5.0T			
S R664	CARBON RES. 1/4W 470ohm 5%	4835 110 57167			
S R665	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046			
S R666	METAL OXIDE FILM RES. 1W 68kohm 5% . . .	4835 116 57793			
S R667	CARBON RES. 1/4W 12kohm 5%	4835 110 57282			
S R668	CARBON RES. 1/4W 12kohm 5%	4835 110 57282			
S R669	CARBON RES. 1/4W 12kohm 5%	4835 110 57282			
R673	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046			
R674	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046			
R675	CARBON RES. 1/4W 100kohm 5%	4835 110 57185			
R676	CARBON RES. 1/4W 10kohm 5%	4835 110 57026			
R677	CARBON RES. 1/4W 68kohm 5%	4835 110 57168			
R678	CARBON RES. 1/4W 22kohm 5%	4835 110 57038			
S R681	CARBON RES. 1/4W 12ohm 5%	4835 110 57252			
S R682	METAL OXIDE FILM RES. 1W 33ohm 5% . . .	4835 116 57233			
S R683	METAL OXIDE FILM RES. 1W 39ohm 5% . . .	4835 116 57356			
R684	CARBON RES. 1/4W 100ohm 5%	4835 110 57003			
R685	CARBON RES. 1/4W 100ohm 5%	4835 110 57002			
R690	PCB JUMPER D0.6-P15.0	0000 0JW 15.0T			
S R691	CARBON RES. 1/4W 1kohm 5%	4835 110 57025			
R701	CARBON RES. 1/4W 75ohm 5%	4835 110 57056			
R702	PCB JUMPER D0.6-P5.0	0000 00J W5.0T			
R703	CARBON RES. 1/4W 100ohm 5%	4835 110 57003			
R711	CARBON RES. 1/4W 47kohm 5%	4835 110 57189			
R712	PCB JUMPER D0.6-P5.0	0000 00J W5.0T			
R801	CARBON RES. 1/2W 100ohm 5%	4835 110 47085			
S R802	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079			
S R803	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079			
R804	CARBON RES. 1/4W 18kohm 5%	4835 110 57034			
R805	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046			
R808	CARBON RES. 1/4W 1kohm 5%	4835 110 57025			
S R810	METAL OXIDE FILM RES. 1W 100hm 5% . . .	4835 116 67119			
R811	CARBON RES. 1/4W 100kohm 5%	4835 110 57185			
S R956	CARBON RES. 1/4W 180kohm 5%	4835 110 57259			
S R957	CARBON RES. 1/4W 47kohm 5%	4835 110 57189			
S R958	CARBON RES. 1/4W 1kohm 5%	4835 110 57025			
R959	CARBON RES. 1/4W 10kohm 5%	4835 110 57026			
SW101	TACT SWITCH SKHHAM	4835 276 17322			
SW102	TACT SWITCH SKHHAM	4835 276 17322			
SW103	TACT SWITCH SKHHAM	4835 276 17322			
SW104	TACT SWITCH SKHHAM	4835 276 17322			
SW105	TACT SWITCH SKHHAM	4835 276 17322			
SW106	TACT SWITCH SKHHAM	4835 276 17322			
B-7	HEAT SINK(PEI)	0000 EM4 05621			
B-8	HEAT SINK(PEJ)	0000 EM4 05622			
S B-9	CHASSIS NO.LABEL	0000 EM4 05837			
B-10	JACK HOLDER.	0000 EM4 04325			
BC571	BEAD INDUCTOR FBA04HA600VB-00.	LLBF 00S TU026			
BC601	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021			
BC602	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021			
BC641	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021			
S = Safety Part Be sure to use exact replacement part.					

CABINET PARTS

CABINET PARTS	
CABINET PARTS	
A1X	FRONT CABINET ASSEMBLY
A-1	FRONT CABINET
A-3	CONTROL PLATE
CLN1	WIRE ASSEMBLY FM ANTENNA
	WX1L 094 2-004
A-2	REAR CABINET
A-7	RATING LABEL
A-8	PATENT NO. LABEL
B-1	TENSION SPRING
B-2	M5 CRT SCREW(B)
B-4	CRITICAL PARTS WARNING LABEL
B-5	9V DEGAUSS HOLDER
B-11	CLOTH(65) L7735TR:65X10X0.5T
L-1	SCREW, P-TIGHT 4X18 BIND HEAD +
L-2	SCREW, TAPPING M4X14 BIND HEAD+
L-3	SCREW, P-TIGHT 3X10 BIND HEAD+
	0000 DBM 14140
	0000 GBK P3100

PACKING

PACKING	
PACKING	
S-1	CARTON
S-2	STYROFOAM TOP ASSEMBLY
S-3	STYROFOAM BOTTOM ASSEMBLY
S-4	SET SHEET B5506UG:800X1500
S-5	SERIAL NO. LABEL
	0000 EM4 06436

ACCESSORIES

ACCESSORIES	
ACCESSORIES	
X-1	REMOCON UNIT
REMOTE	REMOCON UNIT
X-2	DRY BATTERY R6P UM3
S X-3	OWNER'S MANUAL(E) :ENGLISH
X-4	POLYETHYLENE BAG F8626B5
X-5	REGISTRATION CARD
X-6	SERVICE CONTRACT LABEL PCEC:31350151203 0000 EMN 01624
S X-7	IMPORTANT SAFEGUARDS PCEC:00EL6268E001 0000 EMN 01307
X-8	SERVICE CENTER MAP
X-10	ROD ANTENNA
S X-12	AC CORD HHMAC-99-0031-B
X-14	SERVICE CONTRACT CARD PCEC NO.313501515 011.
S X-15	CAR PLUG CORD
A-11	DOC LABEL
	0000 EMN 01647
	4835 321 57008
	0000 EM4 01700

DE PARTS

DE PARTS	
CLN801	WIRE ASSEMBLY
	WX1L 920 0-001
S L691	DEGAUSSING COIL F-200.
SP801	SPEAKER S08F03
S V501	CRT A22JWG099X11
	4835 131 97028
	WIRE ASSEMBLY(1P) CRT GND.
	WX1L 094 2-003

Main CBA

Main CBA	
C2	CERAMIC CAP. 0.01mF/50V +80/-20% (F) .
C4	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C5	ELECTROLYTIC CAP. 220mF/10V ±20% .
C21	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C23	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C108	ELECTROLYTIC CAP. 47mF/16V ±20% .
C111	ELECTROLYTIC CAP. 47mF/16V ±20% .
C112	ELECTROLYTIC CAP. 220mF/10V ±20% .
C113	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C131	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .
C135	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .
C136	ELECTROLYTIC CAP. 4.7mF/50V ±20% .
C141	CERAMIC CAP.(AX) 0.47mF/50V +80/-20% (F) 4835 122 47070
C143	CERAMIC CAP.(AX) UP050F104Z-A-B. .
C170	CERAMIC CAP.(AX) 150pF/50V ±10% (B) .
C171	CERAMIC CAP.(AX) 220pF/50V ±10% (B) .
C172	ELECTROLYTIC CAP. 1mF/50V ±20% .
C173	MYLAR CAP. 0.001mF/50V ±10% .
C176	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C301	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C302	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C303	ELECTROLYTIC CAP. 220mF/10V ±20% .
C304	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .
C311	ELECTROLYTIC CAP. 1mF/50V ±20% .
C312	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .
C313	ELECTROLYTIC CAP. 4.7mF/50V ±20% .
C321	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .
C322	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .
C323	CERAMIC CAP.(AX) 47pF/50V ±5% (SL) .
C332	ELECTROLYTIC CAP. 470mF/10V ±20% .
C334	MYLAR CAP. 0.1mF/50V ±10% .
C335	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009
C336	ELECTROLYTIC CAP. 100mF/10V ±20% .
C339	ELECTROLYTIC CAP. 10mF/50V ±20% .
C341	PCB JUMPER D0.6-P5.0 .
C342	PCB JUMPER D0.6-P5.0 .
C343	PCB JUMPER D0.6-P5.0 .
C344	ELECTROLYTIC CAP. 1mF/50V ±20% .
	4835 124 47014

S = Safety Part Be sure to use exact replacement part.

C345	CERAMIC CAP. CH J 47pF/50V .	4835 122 47051
C353	ELECTROLYTIC CAP. 0.1mF/50V ±20% .	4835 124 47048
C354	ELECTROLYTIC CAP. 0.47mF/50V ±20% .	4835 124 47155
C355	ELECTROLYTIC CAP. 1mF/50V ±20% .	4835 124 47014
C356	CERAMIC CAP.(AX) 0.015mF/50V ±10% (B) .	4835 122 47704
C361	CERAMIC CAP.(AX) 0.022mF/50V ±10% (B) .	4835 122 47013
C363	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C364	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C365	CERAMIC CAP.(AX) UP050F104Z-A-B. .	4835 122 47162
C366	ELECTROLYTIC CAP. 470mF/10V ±20% .	4835 124 47286
C367	ELECTROLYTIC CAP. 470mF/10V ±20% .	4835 124 47286
C369	CERAMIC CAP.(AX) 0.047mF/50V ±10% (B) .	4835 122 47083
C372	PCB JUMPER D0.6-P5.0 .	0000 00J W5.0T
C373	ELECTROLYTIC CAP. 1mF/50V ±20% LL .	4835 124 47305
C374	ELECTROLYTIC CAP. 0.1mF/50V ±20% .	4835 124 47048
C375	CERAMIC CAP.(AX) 3300pF/16V ±10% (X) .	4835 122 47475
C376	CERAMIC CAP.(AX) 0.01mF/16V ±20% (Y) .	4835 122 47221
C381	ELECTROLYTIC CAP. 0.47mF/50V ±20% .	4835 124 47155
C383	ELECTROLYTIC CAP. 0.22mF/50V ±20% .	4835 124 47107
C387	ELECTROLYTIC CAP. 4.7mF/50V ±20% .	4835 124 47088
C388	MYLAR CAP. 0.047mF/50V ±10% .	4835 121 47264
C389	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C393	ELECTROLYTIC CAP. 0.1mF/50V ±20% .	4835 124 47048
C396	ELECTROLYTIC CAP. 220mF/16V ±20% .	4835 124 47081
C552	MYLAR CAP. 0.1mF/50V ±10% .	4835 121 47168
C553	ELECTROLYTIC CAP. 2.2mF/50V ±20% LL .	4835 124 47183
C555	ELECTROLYTIC CAP. 47mF/35V ±20% .	4835 124 97066
C556	ELECTROLYTIC CAP. 1000mF/35V ±20% .	4835 124 47143
C558	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C559	ELECTROLYTIC CAP. 100mF/35V ±20% .	4835 124 47233
C570	ELECTROLYTIC CAP. 100mF/160V ±20% .	4835 124 47698
S C571	P.P. CAP. 0.15mF/200V ±5% .	4835 121 47708
C574	ELECTROLYTIC CAP. 4.7mF/250V ±20% .	4835 124 47465
C577	MYLAR CAP. 0.01mF/50V ±10% .	4835 121 47232
C578	ELECTROLYTIC CAP. 47mF/35V ±20% .	4835 124 97066
S C580	METALLIZED FILM CAP. 0.0068mF/1.6kV ±5% .	4835 121 47396
S C584	ELECTROLYTIC CAP. 1mF/160V ±20% .	4835 124 47516
S C591	ELECTROLYTIC CAP. 10mF/50V ±20% .	4835 124 47202
S C601	FILM CAP.(MP) 0.1mF/250V ±20% .	4835 121 47025
C602	MYLAR CAP. 0.047mF/50V ±10% .	4835 121 47264
C603	CERAMIC CAP.(AX) 470pF/50V ±10% (B) .	4835 122 47009
C605	CERAMIC CAP. 0.01mF/AC250V .	4835 122 47502
C606	CERAMIC CAP. 0.01mF/AC250V .	4835 122 47502
C609	CERAMIC CAP. 1000pF/2kV ±10% (B) .	4835 122 47551
S C610	ALMINIUM ELECTROLYTIC CAP150mF/200V. .	4835 124 97105
C611	MYLAR CAP. 0.033mF/50V ±10% .	4835 121 47154
C613	MYLAR CAP. 0.039mF/50V ±10% .	4835 121 47691
C616	CERAMIC CAP. 100pF/2kV .	4835 122 47695
S C642	SAFETY CAP. 0.01mF/250V ±20% (F) .	4835 125 97008
S C643	SAFETY CAP. 0.01mF/250V ±20% (F) .	4835 125 97008
C654	ELECTROLYTIC CAP. 1mF/50V ±20% .	4835 124 47014
C655	ELECTROLYTIC CAP. 1mF/50V ±20% .	4835 124 47014
S C656	ELECTROLYTIC CAP. 100mF/160V ±20% .	4835 124 47698
C657	ELECTROLYTIC CAP. 470mF/35V ±20% (VR) .	4835 124 47515
C658	ELECTROLYTIC CAP. 470mF/16V ±20% .	4835 124 47286
C659	CERAMIC CAP. LB 560pF/2kV .	4835 122 47503
C661	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C681	ELECTROLYTIC CAP. 33mF/10V ±20% .	4835 124 47267
C682	ELECTROLYTIC CAP. 100mF/10V ±20% .	4835 124 47323
C684	ELECTROLYTIC CAP. 100mF/10V ±20% .	4835 124 47323
C685	ELECTROLYTIC CAP. 100mF/10V ±20% .	4835 124 47323
C686	ELECTROLYTIC CAP. 100mF/10V ±20% .	4835 124 47323
C691	ELECTROLYTIC CAP. 1mF/50V ±20% .	4835 124 47014
C803	ELECTROLYTIC CAP. 470mF/16V ±20% .	4835 124 47286
C804	CERAMIC CAP.(AX) 0.22mF/50V +80/-20% (F) 4835 122 47706	
C805	CERAMIC CAP.(AX) 5600pF/16V ±10% (X) .	4835 122 47486
C808	CERAMIC CAP.(AX) 0.47mF/50V +80/-20% (F) 4835 122 47707	
C809	CERAMIC CAP.(AX) 0.01mF/25V +80/-20% (F) 4835 125 17009	
C810	ELECTROLYTIC CAP. 1000mF/16V ±20% (VR/HC) .	4835 124 47005
C901	ELECTROLYTIC CAP. 1000mF/25V ±20% .	4835 124 47007
C902	ELECTROLYTIC CAP. 3300mF/25V ±20% (KC) .	4835 124 47317
C903	ELECTROLYTIC CAP. 22mF/50V ±20% .	4835 124 47051
C904	FILM CAP.(P) 0.1mF/50V ±5% .	4835 122 47451
C951	ELECTROLYTIC CAP. 100mF/160V ±20% .	4835 124 47698
C952	ELECTROLYTIC CAP. 470mF/35V ±20% (VR) .	4835 124 47515
C953	ELECTROLYTIC CAP. 470mF/16V ±20% .	4835 124 47286
C958	CERAMIC CAP. LB 470pF/2kV .	4835 122 47642
S C959	ELECTROLYTIC CAP. 10mF/50V ±20% .	4835 124 47202
C965	P.P. CAPACITOR 0.001mF/630V ±5% .	4835 121 47579
CN101	STRAIGHT PIN HEADER, 2P 173981-2 .	0000 017 70258
CN301	CONNECTOR BASE, 5P TUC-P05P-B1 .	J3TU A05 TG001
CN571	CONNECTOR BASE, 5P RTB-1.5-5P .	J3RT C05 JG001
CN691	CONNECTOR BASE, 2P RTB-1.5-2P .	J3RT C02 JG001
CN801	STRAIGHT PIN HEADER, 2P 173981-2 .	0000 017 70258
D101	DIODE 1SS176TPA7 .	4835 130 37416
D102	DIODE 1SS176TPA7 .	4835 130 37416
D141	ZENER DIODE MTZJT-775.6B .	4835 130 37329
D146	ZENER DIODE MTZJT-775.6B .	4835 130 37329
S D161	DIODE 1SS176TPA7 .	4835 130 37416
D301	ZENER DIODE MTZJT-775.6B .	4835 130 37329
D309	ZENER DIODE MTZJT-776.8B .	4835 130 37881
D313	ZENER DIODE MTZJT-776.8B .	4835 130 37881

PR0935B301 (continued)

D321	DIODE 1SS176TPA7	4835	130	37416	S Q683	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756
D322	DIODE 1SS176TPA7	4835	130	37416	Q801	AUDIO MUTE 2SC3331(T)-AANP "NPN"	4835	130	47549
D323	DIODE 1SS176TPA7	4835	130	37416	Q901	SWITCHING KTC3199(GR) "NPN"	4835	130	47914
D331	ZENER DIODE MTZJT-778.2B	4835	130	37963	S Q956	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549
D396	ZENER DIODE MTZJT-778.2B	4835	130	37963	Q991	SWITCHING KTC3199(GR) "NPN"	4835	130	47914
D397	DIODE 1SS176TPA7	4835	130	37416	R6	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
D552	RECTIFIER DIODE ERB12-06	4835	130	37897	R11	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
D571	RECTIFIER DIODE ERA22-02	4835	130	37788	R12	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D572	RECTIFIER DIODE ERA22-02	4835	130	37788	R101	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
S D573	RECTIFIER DIODE ERA22-02	4835	130	37788	R102	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033
S D584	DIODE 1SS176TPA7	4835	130	37416	R103	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
S D591	ZENER DIODE MTZJT-7736A	4835	130	37785	R104	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D592	ZENER DIODE MTZJT-776.8B	4835	130	37881	R105	CARBON RES. 1/4W 8.2kohm 5%	4835	110	57264
S D593	ZENER DIODE MTZJT-7716B	4835	130	37624	R108	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D596	DIODE 1SS176TPA7	4835	130	37416	R109	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
S D605	RECTIFIER DIODE ERB12-06	4835	130	37897	R110	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
S D606	RECTIFIER DIODE ERB12-06	4835	130	37897	R112	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D607	RECTIFIER DIODE ERB12-06	4835	130	37897	R121	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
S D608	RECTIFIER DIODE ERB12-06	4835	130	37897	R122	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
S D609	DIODE 1SS176TPA7	4835	130	37416	R123	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
S D611	ZENER DIODE MTZJT-7715B	4835	130	37604	R124	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D613	ZENER DIODE MTZJT-773.0B	4835	130	37972	R125	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
D614	DIODE 1SS176TPA7	4835	130	37416	R126	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
S D615	SWITCHING DIODE 1N4148 T-77	4835	130	37048	R127	CARBON RES. 1/4W 1.5kohm 5%	4835	110	57186
D617	ZENER DIODE MTZJT-7715B	4835	130	37604	R128	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
D650	RECTIFIER DIODE ERB12-06	4835	130	37897	R133	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
S D651	FAST RECOVERY DIODE ERC25-06	4835	130	37898	R134	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
S D652	FAST RECOVERY DIODE ERB44-02	4835	130	37944	R135	CARBON RES. 1/4W 3.3kohm 5%	4835	110	57046
S D653	FAST RECOVERY DIODE ERB44-02	4835	130	37944	R136	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
D654	DIODE 1SS176TPA7	4835	130	37416	R137	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
S D655	ZENER DIODE MTZJT-7736A	4835	130	37785	R138	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
S D656	ZENER DIODE MTZJT-776.8B	4835	130	37881	R151	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D657	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R152	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D660	DIODE 1SS176TPA7	4835	130	37416	R164	CARBON RES. 1/4W 6.8kohm 5%	4835	110	57193
D661	DIODE 1SS176TPA7	4835	130	37416	R167	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
D667	DIODE 1ZC33	4835	130	37958	R170	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
D670	DIODE 1SS176TPA7	4835	130	37416	R171	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
D672	DIODE 1SS176TPA7	4835	130	37416	R175	CARBON RES. 1/4W 150kohm 5%	4835	110	57206
D675	DIODE 1SS176TPA7	4835	130	37416	R176	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
D681	ZENER DIODE MTZJT-779.1B	4835	130	37506	R181	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D682	ZENER DIODE MTZJT-775.6B	4835	130	37329	R182	INDUCTOR 1.0mH-J-26T	4835	157	58144
S D691	ZENER DIODE MTZJT-7715B	4835	130	37604	R304	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D692	DIODE 1SS176TPA7	4835	130	37416	R305	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D693	SWITCHING DIODE 1N4148	4835	130	37048	R306	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
D694	SWITCHING DIODE 1N4148	4835	130	37048	R308	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
S D801	DIODE 1SS176TPA7	4835	130	37416	R310	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D811	DIODE 1SS176TPA7	4835	130	37416	R311	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
D901	RECTIFIER DIODE ERB12-06	4835	130	37897	R312	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D902	DIODE 1ZC18	4835	130	37925	R313	CARBON RES. 1/4W 22kohm 5%	4835	110	57038
D951	FAST RECOVERY DIODE ERC25-06	4835	130	37898	R321	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D952	FAST RECOVERY DIODE ERB44-02	4835	130	37944	R322	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D953	SCHOTTKY BARRIER DIODE ERA84-009	4835	130	37996	R323	CARBON RES. 1/4W 2.2kohm 5%	4835	110	57079
D956	RECTIFIER DIODE ERB12-06	4835	130	37897	R324	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S D959	ZENER DIODE MTZJT-7736A	4835	130	37785	R325	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D961	SWITCHING DIODE 1N4148	4835	130	37048	R326	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
D981	SWITCHING DIODE 1N4148	4835	130	37048	R328	CARBON RES. 1/4W 4.7kohm 5%	4835	110	57051
D991	SWITCHING DIODE 1N4148	4835	130	37048	R329	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
S IC101	IC M37272M8H-209FP	4835	209	47587	R331	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
IC151	IC:MEMORY AT24C01A-10SC	4835	209	47421	R333	CARBON RES. 1/4W 220kohm 5%	4835	110	57208
S IC301	IC:CHROMA/IF 1 CHIP M61203BFP	4835	209	47505	R343	CARBON RES. 1/4W 15kohm 5%	4835	110	57032
S IC551	VERTICAL OUTPUT IC LA78040A	4835	209	47512	R344	CARBON RES. 1/4W 120kohm 5%	4835	110	57029
S IC601	PHOTOCOUPPLER LTV-817B-F	4835	130	37977	R346	CARBON RES. 1/4W 82kohm 5%	4835	110	57061
IC801	AUDIO AMP LA4524L	4835	209	47502	R355	CARBON RES. 1/4W 6.8kohm 5%	4835	110	57193
IC901	IC:SWITCHING REGULATOR STK740-051	4835	209	47507	R361	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L5	INDUCTOR 22mH-K-5FT	4835	157	57373	R363	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
L11	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R364	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L21	INDUCTOR 4.7mH-J-26T	4835	157	57374	R365	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L111	INDUCTOR 22mH-K-5FT	4835	157	57373	R366	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L112	INDUCTOR 22mH-J-26T	4835	157	57641	R368	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L301	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R369	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L302	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R372	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L331	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R373	CARBON RES. 1/4W 10kohm 5%	4835	110	57026
L335	INDUCTOR 100mH-J-5FT	4835	157	57798	R374	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
L371	INDUCTOR 8.2mH-J-26T	4835	157	57954	R376	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
L372	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R377	CARBON RES. 1/4W 120ohm 5%	4835	110	57217
L378	INDUCTOR 2.2mH-J-26T	4835	157	57639	R378	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
L385	INDUCTOR 2.2mH-J-26T	4835	157	57639	R381	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
L572	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T	R382	CERAMIC CAP.(AX) 10pF/50V $\pm 5\%$ (CH)	4835	122	47003
S L601	LINE FILTER 5.0MH 6Y075	4835	154	97202	R386	CARBON RES. 1/4W 10Mohm 5%	4835	110	57288
Q22	RES. BUILT-IN TRANSISTOR KRA103M	4835	130	47907	R387	CARBON RES. 1/4W 10Mohm 5%	4835	110	57288
Q111	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R391	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
Q321	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R392	CARBON RES. 1/4W 100ohm 5%	4835	110	57003
S Q571	H-OUTPUT 2SD2627LS-FEC-YB11	4835	130	48195	R393	CARBON RES. 1/4W 1kohm 5%	4835	110	57025
Q572	H-DRIVE 2SC1627Y-TPE2 "NPN"	4835	130	48141	R394	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
S Q601	MOS FET 2SK2662	4835	130	48205	R396	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
S Q602	LIMITER 2SC2120-O-TPE2 "NPN"	4835	130	47756	R397	CARBON RES. 1/4W 220ohm 5%	4835	110	57037
Q651	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R551	PCB JUMPER D0.6-P5.0	0000	00J	W5.0T
S Q652	FEED BACK 2SC3331(T)-AANP "NPN"	4835	130	47549	R552	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033
S Q672	SWITCHING 2SA1318(T)-AANP "NPN"	4835	130	47617	R553	CARBON RES. 1/4W 1.8kohm 5%	4835	110	57033
Q673	SWITCHING 2SC3331(T)-AANP "NPN"	4835	130	47549	R557	CARBON RES. 1/4W 470ohm 5%	4835	110	57167
S Q681	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756	R558	CARBON RES. 1/4W 220kohm 5%	4835	110	57038
S Q682	SWITCHING 2SC2120-O-TPE2 "NPN"	4835	130	47756	R559	CARBON RES. 1/4W 1kohm 5%	4835	110	57025

S = Safety Part Be sure to use exact replacement part.

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R560	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079	R902	CARBON RES. 1/4W 10kohm 5%	4835 110 57026
R561	CARBON RES. 1/4W 8.2kohm 5%	4835 110 57264	R904	CARBON RES. 1/4W 1kohm 5%	4835 110 57025
R562	CARBON RES. 1/4W 3.9ohm 5%	4835 110 57281	S R956	CARBON RES. 1/4W 180kohm 5%	4835 110 57259
R563	CARBON RES. 1/4W 3.9ohm 5%	4835 110 57281	S R957	CARBON RES. 1/4W 47kohm 5%	4835 110 57189
S R564	CARBON RES. 1/4W 1.8ohm 5%	4835 110 57196	S R958	CARBON RES. 1/4W 1kohm 5%	4835 110 57025
S R565	CARBON RES. 1/4W 1.8ohm 5%	4835 110 57196	R959	CARBON RES. 1/4W 10kohm 5%	4835 110 57026
S R566	CARBON RES. 1/4W 1.8ohm 5%	4835 110 57196	R961	CARBON RES. 1/4W 56kohm 5%	4835 110 57213
R568	CARBON RES. 1/4W 4.7ohm 5%	4835 110 57212	R962	CARBON RES. 1/4W 56kohm 5%	4835 110 57213
R572	CARBON RES. 1/4W 470ohm 5%	4835 110 57167	R963	CARBON RES. 1/4W 680ohm 5%	4835 110 57054
S R575	METAL OXIDE FILM RES. 2W 470ohm 5% . . .	4835 116 67277	R964	CARBON RES. 1/4W 820ohm 5%	4835 110 57059
R576	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	R965	CARBON RES. 1/4W 10kohm 5%	4835 110 57026
R577	CARBON RES. 1/4W 560ohm 5%	4835 110 57052	R966	CARBON RES. 1/4W 270ohm 5%	4835 110 57041
R578	METAL OXIDE FILM RES. 1W 220ohm 5% . . .	4835 116 57354	R967	CARBON RES. 1/4W 270ohm 5%	4835 110 57041
R581	CARBON RES. 1/4W 1ohm 5%	4835 110 57229	R981	METAL OXIDE FILM RES. 2W 39ohm 5% . . .	4835 110 57065
R582	CARBON RES. 1/4W 1ohm 5%	4835 110 57229	R982	METAL OXIDE FILM RES. 2W 39ohm 5% . . .	4835 110 57065
S R583	METAL OXIDE FILM RES. 2W 4.7ohm 5% . . .	4835 116 87094	R991	CARBON RES. 1/4W 22kohm 5%	4835 110 57038
S R584	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	R992	CARBON RES. 1/4W 100kohm 5%	4835 110 57185
R585	CARBON RES. 1/4W 8.2kohm 5%	4835 110 57264	SW101	TACT SWITCH SKHHAM	4835 276 17322
R586	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	SW102	TACT SWITCH SKHHAM	4835 276 17322
R587	CARBON RES. 1/4W 680kohm 5%	4835 110 57227	SW103	TACT SWITCH SKHHAM	4835 276 17322
R588	CARBON RES. 1/4W 680kohm 5%	4835 110 57227	SW104	TACT SWITCH SKHHAM	4835 276 17322
S R591	CARBON RES. 1/4W 100kohm 5%	4835 110 57185	SW105	TACT SWITCH SKHHAM	4835 276 17322
S R592	CARBON RES. 1/4W 180kohm 5%	4835 110 57259	SW106	TACT SWITCH SKHHAM	4835 276 17322
S R593	CARBON RES. 1/4W 82kohm 5%	4835 110 57061	B-7	HEAT SINK(PEI)	0000 EM4 05621
S R594	CARBON RES. 1/4W 68kohm 5%	4835 110 57168	B-8	HEAT SINK(PEJ)	0000 EM4 05622
S R597	CARBON RES. 1/4W 6.8kohm 5%	4835 110 57193	B-9	HEAT SINK(PEK)	0000 EM4 05624
S R598	CARBON RES. 1/4W 47kohm 5%	4835 110 57189	B-10	JACK HOLDER.	0000 EM4 04325
S R599	CARBON RES. 1/4W 22kohm 5%	4835 110 57038	BC571	BEAD INDUCTOR FBA04HA600VB-00.	LLBF 00S TU026
S R601	CEMENT RES. 5W 1.2ohm 10%	4835 113 87008	BC601	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R602	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	BC602	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R603	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	BC641	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R604	CARBON RES. 1/4W 820kohm 5%	4835 110 57344	BC642	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R606	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC643	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R607	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC651	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R608	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC652	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R609	CARBON RES. 1/4W 1.2kohm 5%	4835 110 57027	BC653	BEAD INDUCTOR 1-03-BAR-510X.	LLBF 00Z F8001
R611	CARBON RES. 1/4W 150ohm 5%	4835 110 57031	BC654	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
R612	CARBON RES. 1/4W 150ohm 5%	4835 110 57031	BC901	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
S R613	METAL OXIDE FILM RES. 2W 0.39ohm 5% . .	4835 116 57791	BC902	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R614	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079	BC903	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R615	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC904	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R616	CARBON RES. 1/4W 220ohm 5%	4835 110 57037	BC951	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R617	CARBON RES. 1/4W 47ohm 5%	4835 110 57019	BC952	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R618	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	BC953	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R650	PCB JUMPER D0.6-P15.0	0000 0JW 15.0T	BC954	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
S R651	METAL OXIDE FILM RES. 2W 15kohm 5% . . .	4835 116 57041	BC955	BEAD INDUCTOR FBR07HA121TB-00.	LLBF 00Z TU021
R652	CARBON RES. 1/4W 22kohm 5%	4835 110 57038	CF301	CERAMIC FILTER TPS 4.5MB2.	4835 153 97032
R653	CARBON RES. 1/4W 15kohm 5%	4835 110 57032	CF302	4.5M FILTER LTH4.5MCB.	4835 153 97071
R654	CARBON RES. 1/4W 1.8kohm 5%	4835 110 57033	CLN101	WIRE 060/BLA/AWG26#1007.	WX30 01A 6FF06
R655	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	CLN102	WIRE 060/BLA/AWG26#1007.	WX30 01A 6FF06
R656	CARBON RES. 1/4W 15kohm 5%	4835 110 57032	CLN301	PARALLEL WIRE (5P)240MM WX1L0942-101 .	WX1L 094 2-101
R657	CARBON RES. 1/4W 15kohm 5%	4835 110 57032	S F601	FUSE TDS4A125VU/C.	4835 253 97153
S R658	CARBON RES. 1/4W 470kohm 5%	4835 110 57225	F901	FUSE 6A/125V 237 TYPE.	4835 253 97158
R660	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	FH601	HOLDER, FUSE CNT41-0014.	0000 017 90424
S R661	CARBON RES. 1/4W 47kohm 5%	4835 110 57189	FH602	HOLDER, FUSE CNT41-0014.	0000 017 90424
S R662	CARBON RES. 1/4W 5.6kohm 5%	4835 110 57304	FH901	FUSE HOLDER FH-V-03078	XH01 Z00 DK001
S R663	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	FH902	FUSE HOLDER FH-V-03078	XH01 Z00 DK001
S R664	CARBON RES. 1/4W 470ohm 5%	4835 110 57167	S GP641	GAP. FNR-G3.10D.	4835 252 27025
S R665	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046	S JK601	AC INLET HSC0555-010010.	4835 265 97298
S R666	METAL OXIDE FILM RES. 1W 68kohm 5% . . .	4835 116 57793	JK701	RCA JACK 1P AV-8.4-9Y.	4835 265 97455
S R667	CARBON RES. 1/4W 12kohm 5%	4835 110 57282	JK702	RCA JACK 1P AV-8.4-9W.	4835 265 97456
S R668	CARBON RES. 1/4W 12kohm 5%	4835 110 57282	JK801	EARPHONE JACK EX341BLB-1	4835 265 97491
S R669	CARBON RES. 1/4W 12kohm 5%	4835 110 57282	JK901	DC JACK.	4835 265 97457
R673	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046	JS674	PCB JUMPER D0.6-P5.0	0000 00J W5.0T
R674	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046	L-1	B-TITE SCREW 3X8 BIND + CHROME	0000 GBM B3080
R675	CARBON RES. 1/4W 100kohm 5%	4835 110 57185	L-1	SCREW, B-TIGHT 3X16 BIND+.	0000 GBM B3160
R676	CARBON RES. 1/4W 10kohm 5%	4835 110 57026	S PS691	THERMISTOR ZPB45BL7R0A	QNZZ 45B L7R0A
R677	CARBON RES. 1/4W 68kohm 5%	4835 110 57168	RCV101	REMOCON RECEIVE UNIT PIC-26042SR-2	4835 210 27062
R678	CARBON RES. 1/4W 22kohm 5%	4835 110 57038	S SA601	SURGE ABSORBER JVR-07N471K	4835 252 27024
S R681	CARBON RES. 1/4W 120ohm 5%	4835 110 57252	SF1	SAW FILTER TSF5229P.	4835 153 97062
S R682	METAL OXIDE FILM RES. 1W 33ohm 5% . . .	4835 116 57233	SF2	SAW FILTER TSB1205P.	4835 153 97063
S R683	METAL OXIDE FILM RES. 1W 39ohm 5% . . .	4835 116 57356	S T571	FLYBACK TRANS BSC25-2027S.	4835 140 67204
R684	CARBON RES. 1/4W 100ohm 5%	4835 110 57003	T572	HORIZONTAL DRIVE TRANS LP2-004	4835 148 87394
R685	CARBON RES. 1/4W 10ohm 5%	4835 110 57002	S T601	SWITCHING TRANS KD-00010	4835 148 87401
R690	PCB JUMPER D0.6-P15.0	0000 0JW 15.0T	T901	SWITCHING TRANS KD-99138	4835 148 87406
S R691	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	TU1	TUNER UNIT B8045AR	4835 210 47112
R693	CARBON RES. 1/4W 10kohm 5%	4835 110 57026	S VR661	CARBON P.O.T. 10k W B.	4835 100 97516
R694	CARBON RES. 1/4W 10kohm 5%	4835 110 57026	VR961	CARBON P.O.T. 20k W B.	4835 100 97343
R701	CARBON RES. 1/4W 75ohm 5%	4835 110 57056	X101	CERAMIC RESONATOR KBR-8.0MKC	4835 242 77163
R702	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	X341	CRYSTAL OSCILLATOR 3.579545 MHZ.	FXD3 55L LN003
R703	CARBON RES. 1/4W 100ohm 5%	4835 110 57003	 CRT CBA		
R711	CARBON RES. 1/4W 47kohm 5%	4835 110 57189	C501	CRT CBA	
R712	PCB JUMPER D0.6-P5.0	0000 00J W5.0T	C502	CERAMIC CAP.(AX) 270pF/50V ±10% (B) . .	4835 122 47122
R801	CARBON RES. 1/2W 100ohm 5%	4835 110 47085	C503	CERAMIC CAP.(AX) 220pF/50V ±10% (B) . .	4835 122 47006
S R802	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079	C504	CERAMIC CAP. 270pF/50V ±10% (B) . .	4835 122 47122
S R803	CARBON RES. 1/4W 2.2kohm 5%	4835 110 57079	C510	ELECTROLYTIC CAP. 47mF/16V ±20%.	4835 124 47073
R804	CARBON RES. 1/4W 18kohm 5%	4835 110 57034	CN501	CERAMIC CAP. 1000pF/2kV ±10% (B) . .	4835 122 47551
R805	CARBON RES. 1/4W 3.3kohm 5%	4835 110 57046	D501	PIN CONNECTOR 005P-5100	JTEA 001 TG001
R808	CARBON RES. 1/4W 1kohm 5%	4835 110 57025	D502	DIODE 1SS176TPA7	4835 130 37416
S R810	METAL OXIDE FILM RES. 1W 10ohm 5% . . .	4835 116 67119	D503	DIODE 1SS176TPA7	4835 130 37416
R811	CARBON RES. 1/4W 100kohm 5%	4835 110 57185			
R901	CARBON RES. 1/4W 1.5Mohm 5%	4835 110 57207			

S = Safety Part Be sure to use exact replacement part.

PR0935B301 (continued)

D520	RECTIFIER DIODE ERB12-06	. . . . .	4835 130 37897
L501	INDUCTOR 180mH-J-5FT	. . . . .	4835 157 58066
Q501	RED AMP 2SC2271(D)-AEMP "NPN"	. . . . .	4835 130 47834
Q502	GREEN AMP 2SC2271(D)-AEMP "NPN"	. . . . .	4835 130 47834
Q503	BLUE AMP 2SC2271(D)-AEMP "NPN"	. . . . .	4835 130 47834
S R501	METAL OXIDE FILM RES. 1W 15kohm 5%	. . . . .	4835 116 87019
S R502	METAL OXIDE FILM RES. 1W 15kohm 5%	. . . . .	4835 116 87019
S R503	METAL OXIDE FILM RES. 1W 15kohm 5%	. . . . .	4835 116 87019
R504	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R505	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R506	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R507	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R508	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R511	CARBON RES. 1/4W 6.8kohm 5%	. . . . .	4835 110 57193
R512	CARBON RES. 1/4W 6.8kohm 5%	. . . . .	4835 110 57193
R513	CARBON RES. 1/4W 6.8kohm 5%	. . . . .	4835 110 57193
R514	CARBON RES. 1/4W 1.5kohm 5%	. . . . .	4835 110 57186
R516	CARBON RES. 1/4W 15ohm 5%	. . . . .	4835 110 57177
R517	CARBON RES. 1/4W 680ohm 5%	. . . . .	4835 110 57054
R518	CARBON RES. 1/4W 15ohm 5%	. . . . .	4835 110 57177
R519	CARBON RES. 1/4W 680ohm 5%	. . . . .	4835 110 57054
R520	CARBON RES. 1/4W 15ohm 5%	. . . . .	4835 110 57177
R521	CARBON RES. 1/4W 680ohm 5%	. . . . .	4835 110 57054
R531	CARBON RES. 1/4W 100ohm 5%	. . . . .	4835 110 57003
R532	CARBON RES. 1/4W 100ohm 5%	. . . . .	4835 110 57003
R533	CARBON RES. 1/4W 100ohm 5%	. . . . .	4835 110 57003
CLN501	PARALLEL WIRE 4P	. . . . .	WX1L 110 0-101
S JK501	CRT SOCKET ISMS02S	. . . . .	4835 265 97453